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(54) Crystal structure of the 30S ribosome bound to antibiotics

(57) The invention provides high resolution X-ray crystal structures of the 30S ribosome, obtained from *Thermus thermophilus* 30S subunit, having a tetragonal space group P4₂,2₁2 to which are bound an antibiotic selected from the group paromomycin, streptomycin, spectinomycin, tetracycline, pactamycin and hygromycin B. An advantageous feature of the structure is that it diffracts at about 3Å resolution. The invention also provides a crystal of 30S having the three dimensional atomic coordinates of the 30S ribosome, the coordinates being provided in any one of tables 1 to 4. The data may be used for the rational design and modelling of inhibitors for the 30S ribosome, which have potential use as antibiotics.

Spectinomycin

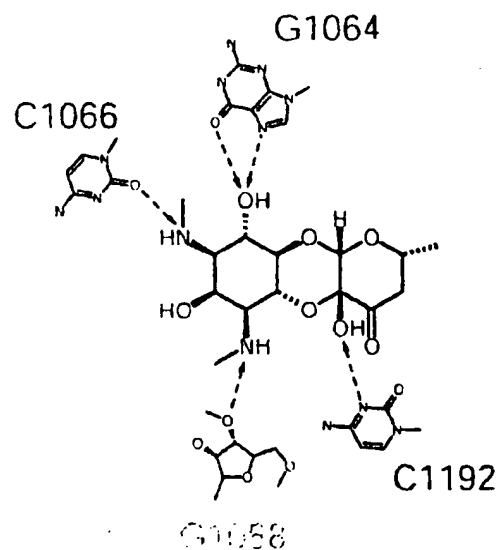


Figure 2

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DescriptionField of the Invention

- 5 **[0001]** The present invention relates to the provision of a high resolution crystal structure of the prokaryotic 30S ribosome subunit, and the use of this structure in drug discovery.

Background of the Invention

- 10 **[0002]** The wealth of information made available through efforts in structural genomics and advances in computation has allowed structure-based drug design to emerge as a valuable tool in medicinal chemistry. In the past combinatorial chemistry, coupled with high-throughput approaches, shifted attention away from the more structure-based methods. Large-scale determination of protein structures is reversing the drug discovery process by starting with the protein structure and using it to identify and design new ligands. It is the integration of structure-based methods, virtual screen-
15 ing, and combinatorial chemistry that will provide the basis for more efficient drug design in the future, significantly reducing the time of the design cycle and the cost per marketed drug. Significant advances have already been made in AIDS, arthritis and cancer and in the treatment of hypertension e.g. captopril.

- [0003]** Translation of the genetic code occurs on the ribosome, a large nucleoprotein complex that consists of two subunits. In bacteria the two subunits are denoted 30S and 50S. The 50S subunit contains the catalytic site of peptidyl transferase activity, while the 30S subunit plays a crucial role in decoding messenger RNA. Protein synthesis is a complex, multistep process that requires several extrinsic GTP-hydrolysing protein factors during each of the main stages of initiation, elongation and termination. Despite several decades of work, the molecular details of the process are poorly understood, and the elucidation of the mechanism of translation is one of the fundamental problems in molecular biology today. A recent collection of articles summarizes the state of understanding of the field [1].

- 25 **[0004]** A contribution to this problem was made by Yonath and coworkers, who after nearly a decade of work showed that structures as large as the 50S ribosomal subunit would form crystals that diffract beyond 3Å resolution [2]. Originally, it was not clear that phase information from such a large asymmetric unit could be obtained to high resolution, but the development of bright, tunable synchrotron radiation sources, large and accurate area detectors, vastly improved crystallographic computing, and the advent of cryo-crystallography have all contributed to making structural studies of the ribosome more tractable. In our work, the use of anomalous scattering from the LIII edges of lanthanides and osmium has also played a critical role in obtaining phases.

- [0005]** The 30S ribosomal subunit (hereafter referred to as 30S) from *Thermus thermophilus* was originally crystallized by Trakhanov *et al.* in 2-methyl-2,4-pentanediol (MPD) [3] and soon afterwards by Yonath and coworkers in a mixture of ethyl-butanol and ethanol [4]. Subsequent work by both groups showed that the MPD crystal form diffracted to about 9-12Å resolution [5, 6]. The diffraction limit of these crystals did not improve beyond 7Å resolution for almost a decade, but more recently both Yonath and coworkers [7, 8] and we [9] obtained crystals of the MPD form that exhibit significantly improved diffraction. However, unlike the crystals obtained by the Yonath group [6], our crystals do not require soaking in tungsten clusters or heat treatment in order to obtain high resolution diffraction.

- 40 **[0006]** We have previously described the structure of the 30S at 5.5Å resolution [9]. We were able to place all seven proteins whose structures were known at the time, infer the structure of protein S20 to be a three-helix bundle, trace the fold of an entire domain of 16S RNA, and identify a long RNA helix at the interface that contains the decoding site of the 30S. Proteins S5 and S7 were also placed in electron density maps of the 30S obtained by Yonath and coworkers.

- [0007]** The 30S ribosomal subunit is a major target for antibiotics. The ribosome is a useful target for antibiotics since the structure of the 30S is widely conserved between prokaryotes, allowing for broad spectrum antibiotics. However, resistance to current antibiotics is currently a major problem in the field of medicine. There are presently very few new antibiotics available which can be used to treat the highly resistant strains of bacteria such as MRSA (methicillin resistant *Staphylococcus aureus*) which are becoming increasingly widespread.

- 50 **[0008]** Understanding the interaction of antibiotics with the ribosome at the molecular level is important for two reasons. Firstly, antibiotics act by interfering with various aspects of ribosome function. Thus understanding their interaction will help shed light on mechanisms involved in translation. Secondly, a detailed knowledge of antibiotic interactions with the ribosome could aid the development of new drugs against increasingly resistant strains of bacteria. Although antibiotics were characterized several decades ago, a detailed knowledge of their mechanism will in general require a three-dimensional structure of their complex with the ribosome.

- 55 **[0009]** The low (greater than 3Å resolution) crystal structures described above do not provide sufficiently detailed resolution for useful modelling of the crystal structure of the 30S and there is thus a need for a high resolution structure which can be used usefully in the development of novel therapeutics.

Summary of the Invention

[0010] We have now solved and refined the structure of the 30S bound to a number of antibiotics at 3Å resolution. The structure contains all of the ordered regions of 16S RNA and 20 associated proteins, and contains over 99% of the RNA sequence and 95% of the protein sequences, with the missing parts being exclusively at the termini of RNA or polypeptide chains.

[0011] The refined atomic resolution models of the 30S presented here allows the interpretation of a vast amount of biochemical data on its function in precise structural terms. The structure will also serve as a basis for the interpretation in molecular terms of lower resolution models of various functional states by electron-microscopy or X-ray crystallography. The 30S structure will help produce testable models for various aspects of ribosome function.

[0012] In a first aspect, the present invention provides a crystal of the *Thermus thermophilus* 30S subunit bound to an antibiotic Z (where Z is defined below), having a tetragonal space group P4₁2₁2 with unit cell dimensions, for each of the antibiotics Z, of:

Z	a(Angstroms)	b(Angstroms)	c(Angstroms)
Paromomycin (Tables 1A/B)	401.375	401.375	175 887
Paromomycin	401.2	401.2	176 4
Streptomycin	401.375	401.375	175.887
Spectinomycin	401.375	401.375	175 887
Tetracycline	401.158	410.158	176 944
Pactamycin	401.719	401.719	177 002
Hygromycin B	402.063	402.063	175 263

[0013] An advantageous feature of these structures are that they diffract beyond 3Å resolution. Another feature of the structures are that they were obtained in a method which did not involve soaking crystals in heavy atom (e.g. tungsten or tantalum) clusters or heat activation. Furthermore, it is specifically of the 885-888/910-912 base pairing confirmation of 16S RNA. These features, both singly and in combination all contribute to features of the invention which are advantageous.

[0014] In a second aspect, the invention also provides a crystal of 30S having the three dimensional atomic coordinates of Table n, where Table n is any one of Tables 1 to 4. The binding of the antibiotics paromomycin, spectinomycin and streptomycin are shown in the coordinates of Table 1A, but these have been refined further from our original data. The refined coordinates are shown in Table 1B. Reference herein to "Table 1" is a reference to either of Table 1A or 1B (or where the context permits, both). Further, Table 1C represents a further data set for the antibiotic paromomycin bound to the 30S ribosome, and thus where the antibiotic Z is paromomycin, reference to Table 1 (or Table n where 1 is included) means any one of 1A, 1B or 1C.

[0015] Thus, for example, where it is stated that the invention refers to computer readable media with "atomic coordinate data according to Table 1 recorded thereon", this means that the media has either the data of Table 1A, or the data of Table 1B (and in the case of paromomycin, or Table 1C) or both (or in the case of paromomycin, any two or all three of said tables) recorded thereon. Likewise, reference to Table n where n is 1, also means either or both of 1A and/or 1B.

[0016] Equally, it will be understood that Table 1A or Table 1B may be provided with the data derived from the 30S ribosome with only a single antibiotic data set provided, and such a table forms a part of the invention.

[0017] We have also observed that 30S crystals do not contain the S1 subunit protein. In our studies, we have found that by selectively removing this protein prior to crystallization, we have been able to obtain the improved resolution described herein. Although the atomic co-ordinates provided in Table n below allows those of skill in the art to bypass the need to undertake the crystallization of the 30S, this crystallization method nonetheless forms a further aspect of the invention.

[0018] Accordingly, there is provided a method for crystallizing a the 30S subunit to obtain a high resolution structure of a 30S subunit, which method comprises providing a 30S subunit, selectively removing the S1 subunit therefrom, crystallizing the 30S and soaking into the crystals antibiotic X.

[0019] In a further aspect, the present invention provides a method for identifying a potential inhibitor of the 30S comprising the steps of:

a. employing a three-dimensional structure of 30S or at least one sub-domain thereof, to characterize at least site

bound by antibiotic X, the three-dimensional structure being defined by atomic coordinate data according to any one of Tables 1 to 6; and

b. identifying the potential inhibitor by designing or selecting a compound for interaction with the active site.

- 5 **[0020]** In a further aspect, the present invention provides computer readable media with either (a) atomic coordinate data according to Tables n recorded thereon, said data defining the three-dimensional structure of 30S or at least one sub-domain thereof, or (b) structure factor data for 30S recorded thereon, the structure factor data being derivable from the atomic coordinate data of Tables n.

10 Description of the Drawings.

[0021]

- Figure 1 shows the binding of paromomycin to the 30S ribosome.
 15 Figure 2 shows the binding of spectinomycin to the 30S ribosome.
 Figure 3 shows the binding of streptomycin to the 30S ribosome.
 Figure 4A shows the binding of tetracycline (primary site) to the 30S ribosome.
 Figure 4B shows the binding of tetracycline (secondary site) to the 30S ribosome.
 Figure 5 shows the binding of pactamycin to the 30S ribosome.
 20 Figure 6 shows the binding of hygromycin B to the 30S ribosome.
 Figure 7 is Tables 1A, 1B and 1C, providing the coordinates of the 30S ribosome bound to the antibiotics paromomycin, spectinomycin and streptomycin (1A and 1B), and paromomycin alone (1C).
 Figure 8 is Table 2, providing the coordinates of the 30S ribosome bound to tetracycline (primary and secondary sites).
 25 Figure 9 is Table 3, providing the coordinates of the 30S ribosome bound to pactamycin.
 Figure 10 is Table 4, providing the coordinates of the 30S ribosome bound to hygromycin B.

Detailed Description of the Invention.

30 Definitions.

[0022] The term "sub-domain" includes the following:

- (a) and element selected from the following.
 35 at least one complete element of secondary structure, i.e. an alpha helix or a beta sheet, or RNA helix, as described in the detailed description below;
 a group of two or more such elements which interact with each other;
 at least one subunit protein;
 40 a subgroup of subunit proteins, for example a group which includes two or more proteins which are found to interact with each other;
 any of the above, when being protein or element thereof being used in conjunction with all or part of the 16S RNA structure associated with said elements or proteins;
 45 (b) a space of volume defining a region around any one particular atom of interest (e.g. an atom involved in binding to an antibiotic), the volume being less than the total volume of the tetragonal space of the complete crystal. For example, the coordinates of atoms in a volume of from about 500 to about 15,000Å³ may be selected and used for the present invention. Such a space may be a sphere having a diameter of from about 10Å to about 30Å, centred around a point of interest, and
 50 (c) a collection of at least 10, e.g. at least 25 such as at least 50, more preferably at least 100, even more preferably at least 500 atoms and most preferably at least 1000 atoms defined by the coordinates of Table n, wherein at least 2 of said atoms, and preferably at least 50% of said atoms of the collection are located within 50Å of each other.

55 **[0023]** By "fitting", is meant determining by automatic, or semi-automatic means, interactions between one or more atoms of a potential inhibitor molecule and one or more atoms or binding sites of the 30S, and calculating the extent to which such interactions are stable. Various computer-based methods for fitting are described further herein.

[0024] By "root mean square deviation" we mean the square root of the arithmetic mean of the squares of the devi-

ations from the mean.

[0025] An "active site" of the 30S is any part of this structure involved in binding to antibiotic Z, or regions of the antibiotic whose conformation is altered by the binding of Z. It also includes any part of this structure involved in tRNA or mRNA binding, synthesis or translocation, including regions of the complex not directly associated with tRNA or mRNA binding but which are required for the ribosome to function, for example those regions which undergo structural changes associated with protein synthesis or are target sites for regulation by co-factors, phosphorylation or acetylation.

[0026] Particular regions of the 30S include those identified herein as antibiotic binding regions based on the data provided in Table n, and in the Figures 1-6. Regions further include the three tRNA sites, i.e. the aminoacyl (A), peptidyl (P) and (exit) E sites. Other active sites are those which undergo movement during translocation of tRNAs from the A to P sites and the P to E sites.

[0027] "Computer readable media" refers to any media which can be read and accessed directly by a computer. Such media include, but are not limited to: magnetic storage media such as floppy discs, hard disc storage medium and magnetic tape; optical storage media such as optical discs or CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media.

[0028] A "computer system" refers to the hardware means, software means and data storage means used to analyse the atomic coordinate data of the present invention. The minimum hardware means of the computer-based systems of the present invention comprises a central processing unit (CPU), input means, output means and data storage means. Desirably a monitor is provided to visualise structure data. The data storage means may be RAM or means for accessing computer readable media of the invention. Examples of such systems are microcomputer workstations available from Silicon Graphics Incorporated and Sun Microsystems running Unix based, Windows NT or IBM OS/2 operating systems.

Table n.

[0029] The coordinates of Tables 1 to 4 provide a measure of atomic location in Angstroms, to a third decimal place. In order to use the information in these Tables for the purposes described herein as being aspects of the present invention, these coordinates may be varied by up to ± 1.0 , such as by up to ± 0.7 , preferably no more than up to ± 0.5 Angstroms, without departing from the scope of the invention.

[0030] Furthermore, varying the relative atomic positions of the atoms of the structure so that the root mean square deviation of the 16S RNA or S2-S20 protein backbone atoms is less than 1.5Å (preferably less than 1.0Å and more preferably less than 0.5Å) when superimposed on the coordinates provided in Table n for these structures, will generally result in a structure which is substantially the same as the structure of Table n respectively in terms of both its structural characteristics and potency for structure-based drug design of 30S ligands.

[0031] Thus for the purposes described herein as being aspects of the present invention, it is within the scope of the invention if: the coordinates of Table n are transposed to a different origin and/or axes; the relative atomic positions of the atoms of the structure are varied so that the root mean square deviation of conserved residue backbone atoms is less than 1.5Å (preferably less than 1.0Å and more preferably less than 0.5Å) when superimposed on the coordinates provided in Table n for the conserved residue backbone atoms; and/or the number and/or positions of water molecules is varied. Reference herein to the use of the coordinates of Table n thus includes the use of coordinates in which one or more individual values of the Table are varied in this way.

[0032] Table n includes coordinates of metal ions which are selected from zinc, cobalt and magnesium. Some or all of these ions may optionally be discarded from the Tables when using the data. The Tables also list the coordinates of a 26 amino acid peptide, Thx, as well as a 6 nucleotide fragment of mRNA, NNNUCU, designated as molecule X. Both the coordinates of both these molecules may likewise optionally be discarded, i.e. so that the coordinates of the 16S RNA and the proteins S2 to S20 alone are modeled and used in applications of the invention.

[0033] There are a few N- or C-terminal sequences of the S2 to S20 proteins which were not resolved in the structure of Table n, together with a some of the 5' and 3' residues of the 16S RNA. These are not essential for the purposes of the present invention.

[0034] This invention provides those of skill in the art a means to provide 30S crystals of *T. thermophilus*. The conservation of ribosome structure, particularly regions of structure essential for function, between prokaryotes, for example prokaryotes which are human pathogens, such as *Staphylococcus* spp. and the like, allows the structure herein to be useful in the provision of anti-bacterial agents in general. Thus, the structures may be used to solve 30S subunits by the technique of molecular replacement. In such a method, x-ray diffraction data are obtained from crystals of a 30S subunit from another species, e.g. a species of a bacteria pathogenic to humans. The coordinates of Table n may be used to find the orientation of the unknown molecule in the crystal, and electron density maps calculated. These maps can then be interpreted with the sequence of the species in question, and the coordinates of our 30S structure can be used to help and speed interpretation. In this way, the structure of our 30S facilitates the determination of structures of 30S subunits and whole ribosomes from other organisms.

[0035] Accordingly, the invention provides a method for the determination of the structure of a bacterial 30S from a species other than *T. thermophilus* which method comprises:

- (a) crystallising the 30S of said species to obtain a crystal;
- (b) performing X-ray crystallography on said crystal to obtain X-ray diffraction data;
- (c) providing the structure data of Table 1; and
- (d) using molecular replacement to calculate an electron density map of the 30S.

[0036] The crystallisation step (a) is optionally performed with an antibiotic Z, either in a co-crystallisation or by soaking the antibiotic following crystal formation. Thus the calculated electron density map may be that of the 30S - antibiotic complex.

[0037] In such a method the 30S may be prepared by removal of the S1 subunit, as described herein.

[0038] The electron density map obtained may then be used to calculate the atomic coordinate data of the 30S, optionally with bound antibiotic Z. The atomic coordinate data thus obtained may be used to for the design and analysis of new and specific ligands for 30S as described herein.

The 30S crystal structure.

[0039] The high resolution structure provided herein provides a crystal with unit cell dimensions which are provided in the accompanying table to 3 decimal places, as set out above. However, those of skill in the art wishing to reproduce the crystallization described herein and obtain such crystals will appreciate that a degree of experimental variability and error will mean that crystals of the invention will be obtained with a unit cell dimension within, but not exactly corresponding to, this size. Thus crystals of the invention may generally be defined as having unit cell dimensions a, b, and c as defined above which vary in the case of a by $\pm 4.0\text{\AA}$, b by $\pm 4.0\text{\AA}$ and c by $\pm 5.0\text{\AA}$, preferably a by $\pm 1.0\text{\AA}$, b by $\pm 1.0\text{\AA}$ and c by $\pm 2.0\text{\AA}$. More preferably the variance is no more than a $\pm 0.7\text{\AA}$, b $\pm 0.7\text{\AA}$ and c $\pm 1.4\text{\AA}$, for example no more than a $\pm 0.7\text{\AA}$, b $\pm 0.7\text{\AA}$ and c $\pm 0.7\text{\AA}$, and even more preferably no more than a $\pm 0.2\text{\AA}$, b $\pm 0.2\text{\AA}$ and c $\pm 0.4\text{\AA}$. These unit cell sizes are believed to define novel and more highly resolved unit cell sizes than has previously been possible in the art.

Production of crystals.

[0040] To obtain crystals according to the present invention, we have found that selective removal of the S1 subunit protein is advantageous. This may be achieved by the use of hydrophobic interaction chromatography column (poros-ET). 30S ribosomal subunits lacking the S1 subunit may suitably be separated from those containing the S1 subunit by running a column using a reverse ammonium sulfate gradient from 1.5M to 0.5M, with 20mM Hepes, pH 7.5, and 10mM acetate. The 30S subunits lacking S1 are eluted first, giving the first major peak. During elution of the 30S peak the ammonium sulfate concentration is maintained at a constant level. Once the 30S peak has eluted the ammonium sulfate concentration is then further reduced to elute the 30S + S1 fraction.

[0041] An alternative method for the selective removal of the S1 subunit protein is by preparative sepharose or by gel electrophoresis. Gel electrophoresis may suitably be carried out by first preparing and mixing a 3% acrylamide, 0.5% agarose cylindrical gel, and pouring this gel into a BioRad Prep Cell. 30S ribosomal subunits are then loaded onto the gel and continuously eluted as they emerge from the other end of the gel. The 30S fraction lacking the S1 subunit comes off first, giving the first major peak. The 30S + S1 fraction gives the trailing peak (or shoulder) and can be discarded.

[0042] Once the S1 is removed, the crystals may be formed, using suitable conditions. These include the use of 13-17% v/v methyl-2,4-pentanediol in the presence of 200-300 (e.g. about 250) mM KCl, 50-100 (e.g. about 75) mM ammonium chloride, 15-30 (e.g. about 15 or about 25) mM MgCl_2 at a pH of 6.0 - 7.5 (e.g. about pH 6.3 - 6.7 such as pH 6.5) in 50 - 150 (e.g. about 100) mM sodium or potassium cacodylate or MES (2-(N-morpholino)ethane sulphonic acid).

[0043] In a particular aspect, the conditions may comprise the use of 250 mM KCl, 75 mM NH_4Cl , 25 mM MgCl_2 , 6 mM 2-mercaptoethanol in 0.1 M potassium cacodylate or 0.1 M MES (2-N-morpholinoethanesulfonic acid) at pH 6.5 with 13-17% MPD as the precipitant.

[0044] The crystals may be grown by any suitable method known as such to those of skill in the art. Suitably, the crystals may be grown over a period of 4-8 weeks at about 4 C. Once crystals are obtained, the antibiotic Z may be soaked into the crystals. The antibiotic may be used in any convenient soluble form at a concentration range of from 10 to 500 μM , preferably from 50 to 100 μM , such as about 80 μM . The structure of the crystals so obtained may be resolved, and crystals which resolve to a resolution of at least 3 \AA selected. Crystals which resolve to a resolution of at least 3 \AA obtainable by such a method are a further aspect of the invention.

Use of structure of Table n.

[0045] The determination of the three-dimensional structure of 30S provides a basis for the design of new and specific ligands for 30S. For example, knowing the three-dimensional structure of 30S, computer modelling programs may be used to design different molecules expected to interact with possible or confirmed active sites, such as binding sites or other structural or functional features of 30S.

[0046] The high resolution models of the 30S provided by Table n can be used to examine and determine the binding of the antibiotics paromomycin, streptomycin, spectinomycin, tetracycline, pactamycin and hygromycin B to the 30S ribosome, and by using this information, the skilled person in the art can design ligand which may compete with these antibiotics and which can overcome the resistance of bacterial cells to these antibiotics.

[0047] A candidate ligand, particular one which acts as an inhibitor molecule may be any available compound. A number of commercial sources of libraries of compound structures are available, for example the Cambridge Structural Database. Such libraries may be used to allow computer-based high throughput screening of many compounds in order to identify those with potential to interact with the active site of a ribosome.

[0048] More specifically, a potential ligand capable of modulating 30S activity can be examined through the use of computer modelling using a docking program such as GRAM, DOCK, or AUTODOCK (see Walters et al., *Drug Discovery Today*, Vol.3, No.4, (1998), 160-178, and Dunbrack et al., *Folding and Design*, 2, (1997), 27-42) to identify potential ligands of 30S. This procedure can include computer fitting of potential ligands to 30S to ascertain how well the shape and the chemical structure of the potential ligand will bind to the enzyme.

[0049] Also computer-assisted, manual examination of the active site structure of 30S may be performed. The use of programs such as GRID (Goodford, *J. Med. Chem.*, 28, (1985), 849-857) - a program that determines probable interaction sites between molecules with various functional groups and the enzyme surface - may also be used to analyse the active site to predict partial structures of ligands for the site.

[0050] Computer programs can be employed to estimate the attraction, repulsion, and steric hindrance of the two binding partners (e.g. the 30S and a potential ligand). Generally the tighter the fit, the fewer the steric hindrances, and the greater the attractive forces, the more potent the potential ligand since these properties are consistent with a tighter binding constant. Furthermore, the more specificity in the design of a potential ligand, the more likely it is that the ligand will not interact with other proteins as well. This will tend to minimise potential side-effects due to unwanted interactions with other proteins.

[0051] In one aspect, the above described methods may be used to perform a computer-based method of rational drug design which comprises

providing the structure of the 30S ribosome defined by the coordinates found in Table n;
providing the structure of a candidate inhibitor molecule;
fitting the candidate to the structure of the 30S to provide a result; and
comparing the result with a structure comprising the 30S of the Table together with the antibiotic coordinate data of said Table.

[0052] In the case where Table n is Table 2 (tetracycline), the comparison may be with one or other, or both, bound tetracycline molecules.

[0053] The 30S ribosome used in the present invention comprises an additional small protein molecule, Thx, as well as a short sequence of nucleotides designated molecule X. It will be understood that the phrase "the structure of the 30S ribosome as defined by the coordinates of Table n" and the like (where n is any one of 1 to 4) as used above and elsewhere herein is reference to the coordinates defined by atoms of the 16S RNA and proteins S2 to S20 of the Table n, including or not including the Thx and molecule X coordinates, optionally in conjunction with any or all of the metal ions defined by Table n.

[0054] The data of Table n indicate that the primary contacts between antibiotic Z and the 30S are mediated by the 16S RNA. Thus in the above aspect of the invention, those of skill in the art may choose to use the data of Table n relating to the 16S RNA and one of the antibiotics Z in the process of drug design. Accordingly, there is also provided a computer-based method of rational drug design which comprises:

providing the structure of the 16S RNA of the 30S ribosome as defined by the coordinates of Tables n;
providing the structure of a candidate inhibitor molecule;
fitting the structure of candidate to the structure of the 16S RNA of the 30S to provide a result; and
comparing said result with a structure comprising the 16S RNA of the 30S of said Table together with the antibiotic structure of said Table.

[0055] In an alternative aspect, the method of the invention may utilise the coordinates of atoms of interest of the

30S which are in the vicinity of an antibiotic Z binding region in order to model the pocket in which Z binds. These coordinates may be used to define a space which is then screened "*in silico*" against a candidate inhibitor molecule. Thus the invention provides a computer-based method of rational drug design which comprises:

- 5 providing the coordinates of at least one atom of Table n of the 30S ribosome;
 providing the structure of a candidate inhibitor molecule;
 fitting the structure of candidate to the coordinates of the 30S ribosome provided to obtain a result; and
 comparing said result with a structure comprising the coordinates of the 30S ribosome provided and at least one
 atom from one antibiotic structure of Table n.

10 **[0056]** In this embodiment, the at least one atom of the 30S ribosome provided will preferably be within a distance of 50, preferably 10 Angstroms of at least one of the atoms of either of the antibiotic molecules described in Table n.

[0057] In practice, it will be desirable to model a sufficient number of atoms of the 30S ribosome as defined by the coordinates of Table n which represent a binding pocket. Binding pockets and other features of the interaction of antibiotic Z with the 30S ribosome are described in the accompanying examples. Thus, in this embodiment of the invention, there will preferably be provided the coordinates of at least 5, preferably at least 10, more preferably at least 50 and even more preferably at least 100 atoms such as at least 500 atoms and most preferably at least 1,000 atoms of the 30S ribosome. Of these atoms provided, at least one will preferably be within the distance mentioned above of the antibiotic molecules described in Table n.

20 **[0058]** Likewise, when a candidate is fitted to the selected coordinates of the 30S ribosome the comparison with antibiotic is preferably made by reference to at least 3, such as at least 5, for example at least 8, more preferably at least 16 of the atoms of either of the antibiotic Z structure provided in Table n.

[0059] In another aspect, the method of the invention may utilise a sub-domain of interest of the 30S which is in the vicinity of a antibiotic binding region. Thus, the invention provides a computer-based method of rational drug design which comprises:

- 25 providing the coordinates of at least a sub-domain of the 30S ribosome;
 providing the structure of a candidate inhibitor molecule; fitting the structure of the candidate to the coordinates of the 30S ribosome sub-domain provided to obtain a result; and
 30 comparing said result with a structure comprising the coordinates of the 30S ribosome of same sub-domain provided and at least one atom from the antibiotic Z structure of Table n.

[0060] In a further aspect, the accompanying examples and drawings show the specific sites of interaction of the antibiotic Z with the 30S ribosome. These data may be used to design ligands which interact with at least one of the sites of interaction of each identified antibiotic Z, and preferably at least 50% of the sites of interaction identified for each separate antibiotic Z in each of Figures 1 to 6. Such ligands may be designed by providing atomic coordinate data for at least one of the following nucleic acid or amino acid residues of the 30S:

- 40 Group I: G1405, A1408, C1490, G1491, A1493, G1494 and U1495;
 Group II: G1064, C1066, G1068 and C1192;
 Group III: U14, C526, G527, A913, A914, C1490, G1941 and S12Lys45;
 Group IV: A965, G966, G1053, C1054, C1195, U1196, G1197 and G1198;
 Group V: U244, A892 and C893;
 Group VI: G693, A694, C788, C795, C796, S7Gly81 and optionally U1540;
 45 Group VII: C1403, G1405, G1494, U1495, C1496 and U1498.

 providing a potential ligand, and
 fitting said ligand to the 30S to determine the interaction of the ligand with at least one chemical group present in the nucleic acid or amino acid residue of the selected group.

50 **[0061]** Preferably at least half the members of each group are used, and more preferably from half to t members of each group are used, where t represents a number which is more than half and at least T, preferably T-1 and more preferably T-2 where T is the total number of members of each group, subject to the requirement that t is greater than T/2 (i.e. for group II 2, 3 or 4 members may all be used, and for group V, 2 or 3 members may be used).

[0062] In another aspect, in place of *in silico* methods, high throughput screening of compounds to select compounds with ribosome binding activity may be undertaken, and those compounds which show ribosome binding activity may be selected as possible candidate inhibitors, and further crystallized with 30S (e.g. by co-crystallization or by soaking) for x-ray analysis. The resulting x-ray structure may be compared with that of Table n for a variety of purposes. For example, where the contacts made by such compounds overlap with those may by antibiotic Z, novel molecules com-

prising residues which contain contacts of both Z and the other inhibitor may be provided.

[0063] Having designed or selected possible binding ligands, these can then be screened for activity. Consequently, the method preferably further comprises the further steps of:

- 5 obtaining or synthesising the potential ligand; and
contacting the potential ligand with 30S to determine the ability of the potential ligand to interact with 30S.

[0064] More preferably, in the latter step the potential ligand is contacted with 30S under conditions to determine its function for example in a cell free translation system.

- 10 [0065] Instead of, or in addition to, performing such an assay, the method may comprise the further steps of:

obtaining or synthesising said potential ligand;
forming a complex of 30S and said potential ligand; and
analysing said complex by X-ray crystallography to determine the ability of said potential ligand to interact with 30S.

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[0066] Detailed structural information can then be obtained about the binding of the potential ligand to 30S, and in the light of this information adjustments can be made to the structure or functionality of the potential ligand, e.g. to improve binding to the active site. Steps c. to e. may be repeated and re-repeated as necessary.

- 20 [0067] Another aspect of the invention includes a compound which is identified as an ligand of 30S by the method of the above aspects of the invention.

[0068] In another aspect, the invention provides a method of analysing a 30S-ligand complex wherein the ligand has been obtained by the methods of the invention described above, comprising the steps of (i) cocrystallising the 30S with the ligand or soaking the ligand into crystals of the 30S; (ii) collecting X-ray crystallographic diffraction data from the crystals of the 30S-ligand complex and (iii) using the three-dimensional structure of 30S of Table n. or at least one sub-domain thereof, to generate a difference Fourier electron density map of the 30S-ligand; and (iv) modelling the ligand in the difference Fourier electron density.

25 [0069] Therefore, 30S-ligand complexes can be crystallised and analysed using X-ray diffraction methods, e.g. according to the approach described by Greer et al., *J. of Medicinal Chemistry*, Vol. 37, (1994), 1035-1054, and difference Fourier electron density maps can be calculated based on X-ray diffraction patterns of soaked or co-crystallised 30S and the solved structure of uncomplexed 30S. These maps can then be used to determine the structure of the ligand bound to the 30S and/or changes the conformation of 30S.

30 [0070] Data obtained from a ligand bound to 30S may be used to improve the ligand, for example by adding or removing functional groups, substituting groups or altering its shape to obtain improved candidates, which may then be screened, solved in complex as described herein above, in an iterative process.

35 [0071] Electron density maps can be calculated using programs such as those from the CCP4 computing package (Collaborative Computational Project 4, The CCP4 Suite: Programs for Protein Crystallography, *Acta Crystallographica*, D50, (1994), 760-763.). For map visualisation and model building programs such as "O" (Jones et al., *Acta Crystallography*, A47, (1991), 110-119) can be used.

40 [0072] The high resolution data provided herein allows those of skill in the art who have obtained structures of worse resolution of the 30S to refine such structures in the light of the data of Table n. Thus in a further aspect the invention provides a method for modelling a structure of a 30S ribosome which comprises providing an atomic model of a structure at a resolution of worse than 3Å (e.g. a resolution of worse than 5 Angstroms, such as 5-12 Å), comparing the structure obtained with the data of Table n. and refining said model obtained to resolve the structure in order to provide a higher resolution structure. Such a process will be useful for the refinement of a 30S itself, or the 30S in various functional states as part of the 70S ribosome (e.g. bound to mRNA, elongation factors or the like).

45 [0073] Such a method will be useful in providing the structure of the 30S ribosome from other bacterial sources, since the overall secondary and tertiary structure of such ribosomes will be highly conserved in comparison to the *T. thermophilus* structure provided herein. The data provided herein may be used to in a process of modelling the 30S of other species ab initio by homology modelling using energy minimization criteria.

50 [0074] By providing such computer readable media, the atomic coordinate data can be routinely accessed to model 30S or a sub-domain thereof. For example, RASMOL is a publicly available computer software package which allows access and analysis of atomic coordinate data for structure determination and/or rational drug design.

55 [0075] On the other hand, structure factor data, which are derivable from atomic coordinate data (see e.g. Blundell et al., in *Protein Crystallography*, Academic Press, New York, London and San Francisco, (1976)), are particularly useful for calculating e.g. difference Fourier electron density maps.

[0076] In another aspect, the present invention provides systems, particularly a computer systems, intended to generate structures and/or perform rational drug design for 30S ligand complexes, the systems containing either (a) atomic coordinate data according to Table n, said data defining the three-dimensional structure of 30S or at least one sub-

domain thereof, or (b) structure factor data for 30S, said structure factor data being derivable from the atomic coordinate data of Table n.

[0077] Mutant strains resistant to the action of these antibiotics can arise through mutation of a protein subunit of the 30S or through mutation or modification in the 16S RNA (e.g. 2'O-methylation), or modification (e.g. acetylation) of the antibiotic). The sites of mutations in some cases are known or can be identified. Where such sites are identified through, for example, primary sequence data, the invention provides a means to model the structure of the mutants.

[0078] There is thus provided a method which comprises providing the structure of the 30S ribosome of Table n, changing one amino acid or nucleotide of said structure to provide a mutant 30S, and modeling the structure of the mutant 30S to provide a structure of the mutant. The mutant may be used in the manner described above for the wild type, e.g. stored in computer readable form, modeled to provide ligands, and the like. The modeling may be based upon the predicted behavior of the atoms of the changed amino acid based upon its interaction with the surrounding atoms in the model provided herein.

[0079] This process may be iterative, e.g. to produce successive mutations into the 30S structure, for example 2, 3, 4, or 5 to 10 mutations.

[0080] Regions of 30S which may be subject to this aspect of the invention include those regions identified in the accompanying examples as regions of the 30S involved in binding to antibiotics.

[0081] In a further aspect, the present invention provides a means to solve or interpret electron density maps of the whole 70S ribosome at low or high resolution, and thus solve the structure of the whole 70S ribosome.

[0082] In particular, the invention provides a method for the determination of the structure of a bacterial 70S ribosome which method comprises

- (a) crystallising the 70S of said species to obtain a crystal;
- (b) performing X-ray crystallography on said crystal to obtain X-ray diffraction data;
- (c) providing the structure data of Table 1; and
- (d) using molecular replacement to calculate an electron density map of the 70S.

[0083] The crystallisation step (a) is optionally performed with an antibiotic Z, either in a co-crystallisation or by soaking the antibiotic following crystal formation. Thus the calculated electron density map may be that of the 30S - antibiotic complex.

[0084] The invention is illustrated below by the following examples, their accompanying Figures and Tables. In Table n there is shown in each row Atom number, element type, residue (amino acid, nucleotide, etc), number in molecule (for proteins N to C terminal direction, for nucleic acid 5' to 3' direction), X, Y and Z co-ordinates, occupancy, B factor (\AA^2) and an identifier for the member of the 30S.

[0085] Throughout the accompanying example, we use the numbering system for *E. coli* 16S RNA, as well as the standard helix numbering, denoted H1-H45, for the secondary structure elements [19] with some modifications as shown in Figure 1. The most significant differences between the *E. coli* and *T. thermophilus* sequences are a shorter H6 and H10, and insertions in H9 and H33a. Any insertions in *T. thermophilus* relative to *E. coli* are indicated in the coordinates with an insertion letter after the nucleotide number, following the practice for tRNA.

EXAMPLES

Example 1 - Crystallization of Paromomycin, Spectinomycin and Streptomycin to the 30S Ribosome.

Crystallization of the 30S.

[0086] Because we observed that the 30S crystals completely lacked ribosomal protein S1, care was taken to remove S1 selectively from the 30S prior to crystallization. Crystals were obtained in 13-17% MPD over a range of pH in the salt and magnesium conditions described by Trakhanov et al [3]. The crystals were largest and most reproducibly obtained at a pH of 6.5 in 0.1 M cacodylate or MES buffer. Crystals took approximately 6 weeks at 4 C to grow to their maximum size. The largest crystals, which were required for high resolution data collection, grew to a size of 80-100 x 80-100 x 200-300 microns. The activity of redissolved crystals in poly(U)-directed protein synthesis was comparable to that of freshly isolated 30S subunits.

Data collection.

[0087] Crystals were transferred to 26% MPD by vapor diffusion in two steps over a period of 6 days. All crystals (except for those soaked in osmium hexammine or osmium pentammine) also contained 1 mM cobalt hexammine in the cryoprotectant. Crystals were flash-cooled by plunging into liquid nitrogen, and data collection was done in a cry-

ostream at 90-100 K.

[0088] A large fraction of crystals was screened at beamlines 9.6 or 14.1 at the SRS at Daresbury Laboratories. using two short exposures at least 40 degrees apart. These crystals were then analyzed for diffraction limits, cell dimensions and mosaic spread. Only crystals of similar cell dimensions and with reasonable mosaic spread were used for data collection.

[0089] Potential derivatives were screened on beamlines X25 at the NSLS at Brookhaven National Laboratory and BM-14 at the ESRF (Grenoble). Data to about 4.5Å were obtained from X25. High resolution data were collected at SBC ID-19 at the APS in Argonne National Laboratory, and ID14-4 at the ESRF. In all cases, derivative data were collected at the peak of the fluorescence at the LIII edge to maximize anomalous differences. At X25 and SBC ID-19, the kappa goniostat was used to rotate precisely about a mirror plane so that small anomalous differences could be measured accurately. Each crystal typically yielded 3-10 degrees of data. Data were integrated and scaled using HKL-2000 [10].

Structure determination.

[0090] Previously determined phases at 5.5 Å [9] were used to locate heavy atom sites using anomalous difference Fourier maps. Initially, these sites were used for phasing to 3.35 Å using the program SOLVE [11], followed by density modification with SOLOMON [12], using the procedure implemented in SHARP [13]. Optimization of the various parameters in the procedure was required to obtain interpretable maps. The RNA and some of the proteins were built using the SOLVE maps. The sequence of *Thermus thermophilus* 16S RNA [14] was used for the structure. For proteins, a combination of previously published sequences and new ones from the Göttingen *Thermus* genome sequencing project were used. Improved maps were obtained by calculating experimental phases to 3.2Å using SHARP followed by density modification and phase extension to 3.05Å with DM [15]. The improved maps allowed us to build all the ordered parts of the structure. The model was built using O [16], and refined using the program CNS [17]. Maximum likelihood refinement was used, initially with both amplitudes and experimental phase probability distributions to 3.35Å, and subsequently with amplitudes to 3.05Å.

Results

[0091] The 30S subunit from *Thermus thermophilus* consists of a 1522 nucleotide 16S ribosomal RNA [14] and 21 associated proteins, of which 20 have known counterparts in *E. coli*. Protein S21 is not present in *Thermus*, and protein S1 has been removed from the 30S prior to our crystallization. In addition, a 26 residue peptide, Thx, is present in *Thermus* 30S subunits [18].

[0092] Experimentally phased maps clearly showed main chain density for RNA and protein, individual bases (which were often of sufficient quality to distinguish purines from pyrimidines), and large well-ordered side chains of proteins. These maps were used to build 16S RNA and the previously unknown proteins S2, S3, S9, S10, S11, S12, S13, S14 and Thx. In addition, regions that were disordered in isolated structures or had changed significantly were also built. This often consisted of significant portions of the N- and C-terminal tails of the proteins, sometimes including entire domains that were unfolded in isolation. Proteins with small cores and long loops, such as S16 and S17, had to be substantially rebuilt, since these loops were generally disordered in the solution NMR structures. Finally, the entire structure was rebuilt after an initial round of refinement. Our current model consists of nucleotides 5-1511 of *Thermus thermophilus* 16S RNA (corresponding to 5-1534 of *E. coli* 16S RNA) and all of the ordered regions of the associated 20 proteins. The current model has been refined against 3.05Å data with a conventional R-factor of 0.213, a free R-factor of 0.256 and good geometry. For the proteins, 94% of the residues were in the core or allowed regions of the Ramachandran plot, 3.9% in the generously allowed region and 1.8% in the disallowed region.

Paromomycin.

[0093] Paromomycin is a member of the aminoglycoside family of antibiotics which increases the error rate of the ribosome. This family is thought to reduce the dissociation rate of A-site tRNA from the ribosome. Recent experiments suggest that it affects both initial selection and proofreading. Crystals were obtained and the data collected is provided in Table 1. Figure 1 shows the interactions between 16S RNA residues and paromomycin.

[0094] Paromomycin binds in the major groove of H44 in a location that is in agreement with mutagenesis and protection data. It is also in general agreement with an NMR structure of paromomycin bound to an RNA fragment corresponding to its binding site [20]. Contacts are shown in Figure 1. Ring IV contacts the backbone of both sides of helix in an orientation that differs from the NMR structure, while ring III makes only weak contacts with the RNA. Ring II forms tight interactions with both bases and backbone of the RNA, while Ring I inserts into the RNA helix and helps flip out bases A1192 and A1493 when compared to the structure in the absence of paromomycin. Ring I mimics a

nucleotide base, stacking against G1491 and hydrogen-bonding with A1408. In addition it forms a tight H bond interaction with the phosphate backbone of A1493 which helps lock the flipped out bases in place. Except as noted, many of the interactions are similar to those reported in the NMR structure [20] although the bases are flipped out to a far greater degree, and consequently, we do not see a base pair between A1408 and A1493.

5 [0095] We have modelled the codon and anticodon in the A site using a superposition of the 7.8Å structure of the 70S ribosome with tRNA and mRNA bound. The flipped out bases point directly into the A site and are positioned to interact with the minor groove of the helix formed by the codon-anticodon interaction. It is probable that the A-site codon-anticodon helix must undergo some degree of rotation during or after GTP hydrolysis by EF-Tu, in a conformational change to a proofreading state of the decoding site. However, there are rather strict covalent and steric constraints on the A-site anticodon and especially the codon, which is covalently attached to both the P-site codon and downstream message. Thus, despite some rotational uncertainty in the orientation of the codon-anticodon helix, it appears unlikely that the 1492-1493 bases could interact with any portion of the codon-anticodon helix other than its minor groove, though interactions with other portions of the A-site tRNA anticodon loop are not ruled out. This model provides clues as to how paromomycin increases the affinity of the A site for tRNA. It seems likely that in the absence of paromomycin some energy is required to flip out A1492-A1493 so they can contact the tRNA, and presumably this energetic cost is compensated by the formation of favourable interactions with tRNA. By binding to H44, paromomycin forms a structure in which these bases are already flipped out, thus reducing the energetic cost of both cognate and non-cognate tRNA binding and increasing tRNA affinity for the A site.

10 [0096] This structure is in general agreement with a previously proposed model in which A1492 and A1493 would make contact with the minor groove of the mRNA-tRNA duplex [21]. In that model, it was suggested that these bases hydrogen bond with the 2'-OH of the message. Given the rotational uncertainty of the positioning of the A-site tRNA in our model, we cannot determine that these adenines hydrogen-bond to the message. However, two scenarios appear possible, within the limits of the model. The adenines may hydrogen-bond to 2' OH groups of only the tRNA anticodon stem-loop, or they may hydrogen-bond to 2' OH groups of both the tRNA and the message. Both possibilities are attractive because they offer a direct explanation for increased affinity (and lower dissociation rate) of tRNA in the presence of the antibiotic. Finally, the degree to which the bases are flipped out in our structure allows a possible reconciliation of the proposal that the mRNA binds in the major groove of H44 23 with the notion that A1492 and A1493 inspect the minor groove of the codon-anticodon interaction.

15 [0097] Rings I and II of paromomycin are found in a number of other antibiotics including gentamycin. An NMR structure of gentamycin bound to the same fragment of H44 showed that these two rings interact with RNA in the same way as in paromomycin [20]. This suggests that other aminoglycosides that bind to the decoding centre on H44 induce errors in translation by the same mechanism as paromomycin.

Spectinomycin

20 [0098] In contrast to the flexible aminoglycosides, the fused ring system in spectinomycin makes it a rigid molecule. It binds in the minor groove at one end of H34. It makes a single contact with a backbone phosphate and makes hydrogen bonds to a number of bases (Figure 2). The most interactions are made with G1064 and C1192, consistent with protection studies [22] and mutagenesis data which showed that any combination of substitutions at these bases gave resistance to spectinomycin [23]. These two bases are held too far apart to form Watson-Crick base pairs, but are able to make a single hydrogen bond.

25 [0099] A loop of S5 and part of H28 of 16S RNA approach the spectinomycin binding site, but in this state do not make direct contacts with it. It is possible, however, that in other conformations of the 30S, spectinomycin is in more direct contact with these regions.

30 [0100] A superposition of the A, P and E site tRNAs from the 70S ribosome onto our 30S structure shows that a number of highly specific contacts from the head stabilize these tRNAs. A movement of tRNA from one site to the other must necessarily involve movement of elements of the head. Such movements would involve H34 and a possible rearrangement of the connections between it and helices 35 and 38. The structure suggests that the rigid spectinomycin molecule binds near this pivot point of the head and sterically blocks movement although it is also possible that it acts to stabilize the upper stem of H34 [23]. As mentioned above, mutations in S5 that cause resistance to spectinomycin [24] do not make direct contacts with the antibiotic. Rather, they map to a loop that stabilizes the interaction between H1 and the H35-H36 region which is directly connected to H34. An attractive hypothesis is that the mutants destabilize this interaction, and by thus removing the network of interactions that stabilizes the conformation of the head to the body via S5, allows it to move even when spectinomycin is bound.

Streptomycin

35 [0101] Unlike paromomycin, which can bind to an isolated fragment of ribosomal RNA, streptomycin is tightly bound

to the phosphate backbone of 16S RNA from 4 different parts of the molecule via both salt links and hydrogen bonds (Figure 3). It also makes contact with a lysine (K45) from ribosomal protein S12. The four regions of 16S RNA (1490, 915, 526, and 13) had all been implicated in streptomycin binding on the basis of protection [22], crosslinking [25] and mutagenesis data [26-28] (reviewed in [29]).

5 **[0102]** It has been proposed that translational fidelity involves a switch between two states of the ribosome, an error prone or ram (885) state, characterized by nucleotides 910-912 pairing with 885-887, and a restrictive or hyperaccurate (888) state in which 910-912 pair with 888-890 [30].

[0103] The structure of the 30S reported here, like that of the 70S ribosome at 7.8 Å [31] is in the 885 pairing configuration, and hence presumably in the ram state. The tight interactions described above suggest that streptomycin preferentially stabilizes this form. The 888 state A site has a low tRNA affinity, while the 885 state has a higher affinity 10 [30, 32]. Therefore by stabilizing the 885 state streptomycin would be expected to increase initial binding of non-cognate tRNAs. The preferential stabilization of the 885 state would also make the transition to the 888 state more difficult, thereby also affecting proofreading. Thus our results offer a structural rationale for the observed properties of streptomycin.

15 **[0104]** This stabilization of the 885 state by streptomycin suggested by our structure can explain much of the genetic data on the antibiotic. Mutations in S12 lead to a hyper-accurate phenotype [32-38] (reviewed by [39]). A weak phenotype manifests itself as streptomycin resistance, where as a strong phenotype (often the result of multiple mutations) leads to streptomycin dependence. Most of these mutants are to varying degrees more hyperaccurate and slower than wild type ribosomes, consistent with destabilization of the 885 state with respect to the 888 state

20 **[0105]** All the mutations in S12 map to the a protein loops that connect and hold in place the 908-915 and 524-527 regions, with the exception of one mutant: K56 (E.coli K53) which contacts H44 (Figure 3). Thus S12 stabilizes the same region that is stabilized by streptomycin. In the resistance mutations, the 885 state is destabilized sufficiently so that the additional stabilization induced by streptomycin does not trap the ribosome in this state. In the streptomycin dependent mutants, the 885 state is so destabilized that the 888 (hyperaccurate) form predominates and protein synthesis becomes very slow. Streptomycin can then help stabilize the 885 state sufficiently to restore the balance between 25 the two states and help restore translation.

[0106] The K45R (E.coli K42) mutation is resistant to streptomycin but is not hyperaccurate [39]. K45 forms a salt bridge with phosphate A913 and thus contributes to stabilization of the 885 state. It also makes direct hydrogen bonding contacts to two OH groups on streptomycin (Figure 3). Mutation of this lysine to arginine, would disrupt the hydrogen 30 bonding and thereby reduce the affinity of the 30S for streptomycin, leading to resistance. However, the mutation would leave the salt bridge intact, so that the 885 form is not destabilized and thus translation remains normal.

[0107] A number of mutations in rRNA also lead to hyperaccuracy [26, 27, 40-43]. Some of these nucleotides are involved in hydrogen bonding interactions in regions close to the streptomycin binding site. Thus the mutations disrupt interactions that help to stabilize the 885 state. Others such as A915 make no contacts with any other bases. It is possible that mutation of this base leads to more favourable contacts in the 888 state, thus acting by stabilizing the 35 888 state rather than destabilizing the 885 state.

[0108] The ram mutations lead to error-prone ribosomes and are generally found as suppressors of streptomycin resistance. These mutations in S4 [35, 44, 45] and S5 [12] can counter the effect of hyperaccurate mutations in S12 (reviewed by [39]). All ram mutants in S4 and S5 map near the interface between the two proteins with the exception 40 of S52 (E.coli S49) which makes a direct hydrogen bond to the backbone of rRNA. At lower resolution [9], it appeared that the ram mutations destabilized the S4-S5 interface. However, at atomic resolution, we see that two of the mutations V56 (E.coli V53) in S4 and G99 (E.coli G103) in S5 are not in contact with the other protein, and it is not obvious from our structure how they would affect stability of the ram state. In fact, there is a cleft between the two proteins which could close up on the 885-888 transition. This leads us to suggest that these residues (and perhaps the corresponding 45 surfaces of S4 and S5) are involved in intimate contacts in the 888 state, and these contacts would be disrupted by the ram mutations. In this model, ram mutations act by destabilizing the 888 state, and thus shifting the equilibrium to the error prone 885 state. The observation that ram mutations increase the affinity of ribosomes for streptomycin [46] is consistent with this model, since the ribosome would be preferentially in the 885 form. A definitive test of this model must await an atomic resolution structure of the 888 form. Nevertheless, our results provide a structural basis for the 50 notion that a delicate balance exists between the 885 and 888 states for optimal translation, and also explains how disruption of this balance leads to the various phenotypes observed.

Example 2 - Crystallization of Tetracycline to the 30S Ribosome.

55 **[0109]** Tetracyclines are antibiotics of broad specificity and have been used since the 1940's against a wide range of both Gram-negative and Gram-positive bacteria [47]. These drugs were the first so-called 'broad-spectrum' antibiotics and have been used extensively in both human and veterinary medicine. However, in later years, the widespread use of tetracyclines has been limited by the emergence of significant microbial resistance to these antibiotics. Tetra-

cyclines bind to the 30S ribosomal subunit [48] where it affects exclusively the binding of aminoacylated tRNA to the A-site [49]. There is no effect on the binding of tRNA to the P-site nor on the fidelity of translation [50]. Consistent with the inhibition of tRNA binding to the A-site during translation, tetracycline also prevents binding of both release factors RF-1 and 2 during termination, regardless of the stop codon [51]. In contrast to most antibiotics, resistance to tetracycline is usually not caused by mutations in 16S RNA or ribosomal proteins, but by the presence of several external protein factors which apparently mimic the structure and function of the elongation factors [52-54].

[0110] The crystal structure of tetracycline, or 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphacenecarboxamide, in complex with the 30S ribosomal subunit was determined at 3.0 Å resolution. 30S crystals were prepared as described in example 1 above and soaked post crystallisation in 80 µM tetracycline. X-ray diffraction data were collected at beamline ID14-4 at the European Synchrotron Radiation Facility in Grenoble, France. The location of the antibiotic within the 30S subunit was identified from difference Fourier maps calculated after a few rounds of maximum-likelihood based refinement of the native 30S structure against the measured structure factor amplitudes.

[0111] We have found two strong binding sites for tetracycline within the 30S subunit, one located near the acceptor site for aminoacylated tRNA (the A-site) between the head and the body and another which is present at the interface between three domains in the body of the subunit. The discovery of more binding sites is not surprising, since tetracycline is known to have one primary binding site on the 30S in addition to multiple secondary sites on both subunits [55]. In its primary binding site within the 30S, tetracycline binds exclusively to the 3' major domain in the upper part of the crevice between the head of the 30S and the shoulder and right above the small gap between the stem-loop of H18 of the 5' domain and the long H44 of the 3' minor domain that constitutes the binding site for aminoacylated tRNA. The molecule fits into a small pocket created by residues in H34 that deviate from the canonical A-form RNA double helical conformation in combination with a part of the small H31 stem-loop structure. The contacts to H31 are quite tenuous, however, and the binding of the antibiotic to 16S RNA seems to depend almost exclusively on the interaction with H34. In contrast to what has been proposed earlier, there are no proteins involved in the primary binding of tetracycline. The second binding site of tetracycline that we observe clearly in the difference maps (although perhaps not as clearly as the primary binding site), is located in the body of the subunit, in close proximity to the penultimate H44 and sandwiched between the functionally important H27 in the central domain and the very top of H11 in the 5' domain of 16S RNA. The binding site is confined on one side by a major groove of H27 (residues 891-894:908-911) and the edge of the curved H11 (residues 242-245). The bulged-out base U244, which reaches across and makes a non Watson-Crick bases pair with C893 in H27 forms the bottom of the binding site. Again, all interaction between the antibiotic and the ribosome is mediated by the RNA, however, the long N-terminal extension of S12 comes very close to the tetracycline (~ 8 Å, Arg19). The binding pocket is approximately 14 Å wide and 7 Å deep.

Example 3 - Crystallization of Pactamycin to the 30S Ribosome.

[0112] Pactamycin was isolated from *S. pactum* as a potential new human antitumor antibiotic and is a potent inhibitor of translation in both eukaryotes and prokaryotes [56]. It is believed to inhibit the initiation process, i.e. the initiation factor mediated binding of fMet-tRNA to the ribosome [57], by sequestering the initiation complex in the A-site [58]. This effectively prevents the formation of entire 70S ribosomes and thus halts the translation. The effect upon binding is similar for prokaryotes and eukaryotes [59].

[0113] The crystal structure of pactamycin, or 2-hydroxy-6-methylbenzoic acid 5-[(3-acetylphenyl)amino]-4-amino-3-[[[(dimethylamino)-carbonyl]amino]-1,2-dihydroxy-3-(1-hydroxyethyl)-2-methylcyclopentyl]methyl ester, in complex with the 30S ribosomal subunit was determined at 3.1 Å resolution. 30S crystals were prepared as described as above and soaked post crystallisation in 80 µM pactamycin. X-ray diffraction data were collected at beamline ID14-4 at the European Synchrotron Radiation Facility in Grenoble, France. The location of the antibiotic within the 30S subunit was identified from difference Fourier maps calculated after a few rounds of maximum-likelihood based refinement of the native 30S structure against the measured structure factor amplitudes.

[0114] Pactamycin binds to the upper part of the platform, very close to the cleft in the subunit that is responsible for binding of the three tRNA molecules. We have only found a single strong binding site of pactamycin in the 30S. The antibiotic interacts primarily with residues at the apices of the H23b stem loop in the central domain of 16S RNA in addition to a couple of bases from the nearby H24a (Figure 5). The site of binding is very close to the 3' minor domain and the ultimate H45, but there is not direct interaction with this region. In its binding to the RNA, pactamycin extends the stacking of bases in the tetra loop of H23b and mimics RNA both with respect to the bases and the sugar phosphate backbone. In this region, the H24a loop forms a regular helical stem loop to which the H23b stem loop is attached with interactions mainly between bulging bases in H23b and the backbone of H24a. The bases near the apices of H23b curve around and pack into the major groove of H24b, and this trend is extended by two "bases" by a single pactamycin molecule. The antibiotic folds up so that the two distal 6-carbon rings are stacked against each other like nucleotides with the 5-carbon in between resembling a sugar ring. The NCON(CH₃)₂ extension on the central ring even to some

extent mimics the phosphate ester moiety of RNA. The nearest proteins are S7 and S11, and there appears to be a weak hydrogen bond to the backbone carbonyl of Gly81 of S7.

[0115] In Figure 5 we have indicated an interaction with a residue "U1450mRNA". From our data this residue is not continuous with the main 16S RNA sequence, but appears as part of a stretch of mRNA which appears in the crystal. However, it is believed that it represents the very end (3' end) of 16S RNA, based on sequence, thus it has been given sequence numbers from the 16S in this figure (1539-1544). However, in the table of coordinates, these residues have been separately numbered 1-6, the coordinates being shown immediately following those of the 16S RNA.

[0116] Even though pactamycin has been described as binding primarily to the ribosomal P-site [57, 60], the observed protections for this antibiotic can be regarded as pertaining rather to the E-site. This notion is in more agreement with the present structure, in which the two "bases" of pactamycin coincide with the two last bases of the E-site codon of mRNA as observed in the native 30S structure [61]. In fact, pactamycin together with the first base in the E-site codon of the native structure form a triplet codon mimic in approximately the right position for interaction with an E-site tRNA. However, in the antibiotic bound structure, the actual position of the bases in the E-site codon is shifted remarkably, in a way that precludes a possible interaction with an E-site bound tRNA. In the native 30S structure, a kink is observed in the backbone of the messenger RNA at the interface between the P- and E-sites, however, the overall path of the mRNA is still relatively straight and leads between the long 73-90 beta hairpin of S7 and the stem loops of H23 and H24a of the platform. In the pactamycin-bound structure, however, the mRNA in the E-site is pushed towards the back of the subunit, and in between H28 of the head and the hairpin of S7. This is a remarkable distortion that comprises on average 12.5Å for the last of the bases in the E-site codon.

Example 4 - Crystallization of Hygromycin B to the 30S Ribosome.

[0117] Hygromycin B is a monosubstituted 2-deoxystreptamine-containing aminoglycoside antibiotic originally isolated as a secondary antibiotic substance from *S. hygrosopicus* [62]. It is an unusual aminoglycoside antibiotic in that it is active against both prokaryotic and eukaryotic cells and differs in structure from other aminoglycosides [63]. The drug works primarily by inhibiting the translocation step of elongation [63-65] and to a lesser extent causes misreading of messenger RNA [50, 65]. The antibiotic affects EF-2 (EF-G) mediated translocation of A-site bound tRNA to the P-site in eukaryotes, but does not affect either binding of the factor to the ribosome or the hydrolysis of the bound GTP, a process that has been shown to be separate from translocation [63]. The inhibition of translocation is accompanied by an increase in the affinity of the A-site for aminoacylated tRNA [50].

[0118] The crystal structure of hygromycin B, or O-6-amino-6-deoxy-L-glycero-D-galacto-heptopyranosylidene-(1→2-3)-O-β-D-talopyranosyl-(1→5)-2-deoxy-N³-methyl-D-streptamine, in complex with the 30S ribosomal subunit was determined at 3.1Å resolution. 30S crystals were prepared as described above and soaked post crystallisation in 80μM hygromycin; X-ray diffraction data were collected at beamline ID14-4 at the European Synchrotron Radiation Facility in Grenoble, France. The location of the antibiotic within the 30S subunit was identified from difference Fourier maps calculated after a few rounds of maximum-likelihood based refinement of the native 30S structure against the measured structure factor amplitudes.

[0119] Hygromycin B has a single clear binding site within the 30S consistent with the finding that it has a monophasic effect on translation [66]. It binds close to the very top of the long, penultimate helix 44 of 16S RNA, in a region that contains the A-, P-, and E-site tRNA binding sites. The antibiotic is in contact only with 16S RNA (not any proteins), and only with helix 44. In fact, it is located in the major groove of the helix, very close to the helical axis, and thus surrounded by residues from both RNA strands in the region 1490-1500 and 1400-1410. Hygromycin B almost exclusively contacts the bases, as opposed to the backbone, of RNA, and would on this basis be expected to be highly sequence-specific. The nearest protein is S12, which is known to be important in decoding, but is more than 14Å away from the hygromycin binding site. Binding of hygromycin B does not seem to induce any significant alterations in the structure of RNA and appears to be governed by strong base-specific hydrogen-bonds spanning more than three sequential bases in one strand of helix 44. This is possible because the structure of the three-ring antibiotic is unfolded in its binding site within the 30S and thus makes the molecule about 13Å long.

[0120] Hygromycin B binds to the 30S in an important functional region which is also the target for other antibiotics such as paromomycin and gentamycin. Both these antibiotics bind further down helix 44 than does hygromycin and thus affect adenosines A1492 and A1493 which have been implicated as crucial in decoding. Interestingly, Ring II of paromomycin, which is also found in other aminoglycoside antibiotics including gentamycin, adopts an almost identical orientation as Ring I of hygromycin, only about 3Å further down the helix, or exactly what corresponds to one residue. This indicates that this type of six-ring is an important general means of antibiotic binding, since abolishment of the interaction with RNA (in the case of hygromycin) leads to resistance [67, 68].

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0.000000 relapment probability: 99.300
0.000000 starting r= 0.7442 from_r= 0.7422
0.000000 (lha) 0= 0.7442 from_r= 0.7422
0.000000 can reach 112 on 101 375 on 101 375 on 175.867 along 80 nodes 80 edges

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ATPO	1	Y	AAA	1	214,901	118,979	27,936	1,00	31.59	0214
ATPO	2	Y	AAA	1	215,126	117,979	28,001	1,00	30.85	0214
ATPO	4	Y	AAA	1	211,907	116,700	27,944	1,00	30.25	0214
ATPO	5	Y	AAA	1	211,907	116,700	27,944	1,00	30.25	0214
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ATPO	8	Y	AAA	2	216,604	114,291	28,434	1,00	27.53	0214
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ATPO	10	Y	AAA	2	216,899	113,023	28,643	1,00	27.15	0214
ATPO	11	Y	AAA	2	276,004	122,171	30,000	1,00	27.53	0214
ATPO	12	Y	AAA	2	276,004	122,171	30,000	1,00	27.53	0214
ATPO	13	Y	AAA	2	276,002	121,721	30,127	1,00	27.15	0214
ATPO	14	Y	AAA	2	271,001	111,601	29,700	1,00	27.15	0214
ATPO	15	Y	AAA	2	271,001	111,601	29,700	1,00	27.15	0214
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ATPO	17	Y	AAA	2	216,499	117,000	23,316	1,00	27.15	0214
ATPO	18	Y	AAA	2	216,499	117,000	23,316	1,00	27.15	0214
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ATPO	20	Y	AAA	2	215,235	118,476	26,480	1,00	28.00	0214
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ATPO	23	Y	AAA	2	215,440	118,476	26,480	1,00	28.00	0214
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ATPO	41	Y	AAA	2	215,440	118,476	26,480	1,00	28.00	0214
ATPO	42	Y	AAA	2	215,440	118,476	26,480	1,00	28.00	0214

ATCO	139	C	VAL	16	236,132	129,739	36,447	1	100	64,45
ATCO	141	C	LTS	16	237,817	123,231	33,309	1	100	70,49
ATCO	142	C	VAL	16	236,132	129,739	36,447	1	100	64,45
ATCO	143	C	LTS	16	237,817	123,231	33,309	1	100	70,49
ATCO	144	C	VAL	17	236,049	131,074	39,070	1	100	67,17
ATCO	145	C	LTS	17	237,734	124,301	35,692	1	100	73,21
ATCO	147	C	OC2 VAL	17	236,049	131,074	39,070	1	100	67,17
ATCO	148	C	VAL	17	236,231	132,176	39,328	1	100	65,17
ATCO	149	C	VAL	17	236,231	132,176	39,328	1	100	65,17
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ATCO	151	C	VAL	18	235,965	130,944	38,900	1	100	66,18
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ATCO	153	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATCO	158	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	159	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	160	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	161	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	162	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	163	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	164	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	165	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	166	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	167	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	168	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	169	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	170	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	171	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	172	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	173	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	174	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	175	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	176	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	177	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	178	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	179	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATCO	181	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	182	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	183	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	184	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	185	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	186	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	187	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	188	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	189	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	190	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	191	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	192	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	193	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	194	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	195	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	196	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	197	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	198	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	199	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	200	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	201	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	202	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	203	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	204	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATCO	207	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	208	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATCO	210	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	211	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	212	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	213	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	214	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	215	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	216	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATCO	219	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	220	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	221	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	222	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	223	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	224	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	225	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	226	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	227	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATCO	267	C	VAL	18	236,231	132,176	39,328	1	100	65,17
ATCO	268	C	VAL	18	236,231	132,176	39,328	1	100	65,17
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ATON	001	C	LEU	44	269.004	126.289	-11.836	1.00	78.55	0013	ATON	766	001	TRP	63	211.876	116.627	-0.344	1.00	48.23	0013
ATON	016	A	LEU	47	269.414	126.161	-11.299	1.00	84.20	0012	ATON	767	001	TRP	63	212.256	116.641	-0.439	1.00	48.23	0013
ATON	017	CA	LEU	47	269.869	126.293	-9.944	1.00	89.20	0012	ATON	768	001	TRP	63	212.636	116.655	-0.498	1.00	48.23	0013
ATON	018	CA	LEU	47	269.300	122.150	-9.044	1.00	84.20	0012	ATON	769	001	TRP	63	213.016	116.669	-0.557	1.00	48.23	0013
ATON	019	CA	LEU	47	270.161	123.244	-8.419	1.00	92.74	0012	ATON	770	001	TRP	63	213.396	116.683	-0.616	1.00	48.23	0013
ATON	020	CA	LEU	47	270.756	121.909	-7.183	1.00	92.74	0012	ATON	771	001	TRP	63	213.776	116.697	-0.675	1.00	48.23	0013
ATON	021	C	LEU	47	271.846	124.286	-7.183	1.00	92.74	0012	ATON	772	001	TRP	63	214.156	116.711	-0.734	1.00	48.23	0013
ATON	022	C	LEU	47	263.493	124.282	-10.023	1.00	88.20	0012	ATON	773	001	TRP	63	214.536	116.725	-0.793	1.00	48.23	0013
ATON	023	C	LEU	47	262.050	124.671	-11.037	1.00	84.20	0012	ATON	774	001	TRP	63	214.916	116.739	-0.852	1.00	48.23	0013
ATON	024	C	LEU	47	263.121	123.039	-9.944	1.00	85.15	0012	ATON	775	001	TRP	63	215.296	116.753	-0.911	1.00	48.23	0013
ATON	025	CA	LEU	47	264.578	123.749	-8.070	1.00	85.15	0012	ATON	776	001	TRP	63	215.676	116.767	-0.970	1.00	48.23	0013
ATON	026	CA	LEU	47	265.211	124.960	-8.212	1.00	94.46	0012	ATON	777	001	TRP	63	216.056	116.781	-1.029	1.00	48.23	0013
ATON	027	CA	LEU	47	265.160	126.079	-9.184	1.00	94.46	0012	ATON	778	001	TRP	63	216.436	116.795	-1.088	1.00	48.23	0013
ATON	028	CA	LEU	47	266.562	124.589	-7.620	1.00	94.46	0012	ATON	779	001	TRP	63	216.816	116.809	-1.147	1.00	48.23	0013
ATON	029	C	LEU	47	264.965	122.150	-8.034	1.00	85.15	0012	ATON	780	001	TRP	63	217.196	116.823	-1.206	1.00	48.23	0013
ATON	030	C	LEU	47	264.415	127.276	-8.419	1.00	85.15	0012	ATON	781	001	TRP	63	217.576	116.837	-1.265	1.00	48.23	0013
ATON	031	C	LEU	47	265.866	121.779	-8.754	1.00	78.55	0012	ATON	782	001	TRP	63	217.956	116.851	-1.324	1.00	48.23	0013
ATON	032	CA	LEU	47	264.333	128.534	-7.685	1.00	78.55	0012	ATON	783	001	TRP	63	218.336	116.865	-1.383	1.00	48.23	0013
ATON	033	C	LEU	47	267.175	125.041	-9.031	1.00	84.20	0012	ATON	784	001	TRP	63	218.716	116.879	-1.442	1.00	48.23	0013
ATON	034	C	LEU	47	267.803	121.046	-10.781	1.00	84.20	0012	ATON	785	001	TRP	63	219.096	116.893	-1.501	1.00	48.23	0013
ATON	035	CA	LEU	47	267.843	127.151	-10.569	1.00	84.20	0012	ATON	786	001	TRP	63	219.476	116.907	-1.560	1.00	48.23	0013
ATON	036	CA	LEU	47	266.424	120.071	-11.064	1.00	84.20	0012	ATON	787	001	TRP	63	219.856	116.921	-1.619	1.00	48.23	0013
ATON	037	C	LEU	47	266.441	120.906	-8.417	1.00	78.55	0012	ATON	788	001	TRP	63	220.236	116.935	-1.678	1.00	48.23	0013
ATON	038	C	LEU	47	265.922	120.179	-8.554	1.00	78.55	0012	ATON	789	001	TRP	63	220.616	116.949	-1.737	1.00	48.23	0013
ATON	039	C	LEU	47	267.009	127.019	-8.142	1.00	84.20	0012	ATON	790	001	TRP	63	220.996	116.963	-1.796	1.00	48.23	0013
ATON	040	C	LEU	47	267.284	122.511	-8.783	1.00	85.15	0012	ATON	791	001	TRP	63	221.376	116.977	-1.855	1.00	48.23	0013
ATON	041	CA	LEU	47	266.074	123.019	-8.416	1.00	84.20	0012	ATON	792	001	TRP	63	221.756	116.991	-1.914	1.00	48.23	0013
ATON	042	C	LEU	47	265.994	122.714	-8.087	1.00	84.20	0012	ATON	793	001	TRP	63	222.136	117.005	-1.973	1.00	48.23	0013
ATON	043	C	LEU	47	265.791	122.299	-7.917	1.00	84.20	0012	ATON	794	001	TRP	63	222.516	117.019	-2.032	1.00	48.23	0013
ATON	044	C	LEU	47	265.809	122.375	-7.733	1.00	78.55	0012	ATON	795	001	TRP	63	222.896	117.033	-2.091	1.00	48.23	0013
ATON	045	CA	LEU	47	265.666	123.595	-8.130	1.00	78.55	0012	ATON	796	001	TRP	63	223.276	117.047	-2.150	1.00	48.23	0013
ATON	046	C	LEU	47	265.362	125.789	-7.916	1.00	84.20	0012	ATON	797	001	TRP	63	223.656	117.061	-2.209	1.00	48.23	0013
ATON	047	C	LEU	47	265.364	126.554	-8.423	1.00	85.15	0012	ATON	798	001	TRP	63	224.036	117.075	-2.268	1.00	48.23	0013
ATON	048	C	LEU	47	267.225	123.079	-7.582	1.00	85.15	0012	ATON	799	001	TRP	63	224.416	117.089	-2.327	1.00	48.23	0013
ATON	049	CA	LEU	47	267.116	127.157	-7.184	1.00	84.20	0012	ATON	800	001	TRP	63	224.796	117.103	-2.386	1.00	48.23	0013
ATON	050	C	LEU	47	267.044	122.236	-7.879	1.00	78.55	0012	ATON	801	001	TRP	63	225.176	117.117	-2.445	1.00	48.23	0013
ATON	051	C	LEU	47	267.047	121.034	-7.785	1.00	78.55	0012	ATON	802	001	TRP	63	225.556	117.131	-2.504	1.00	48.23	0013
ATON	052	C	LEU	47	267.189	124.175	-8.894	1.00	78.55	0012	ATON	803	001	TRP	63	225.936	117.145	-2.563	1.00	48.23	0013
ATON	053	CA	LEU	47	267.341	120.044	-8.764	1.00	82.55	0012	ATON	804	001	TRP	63	226.316	117.159	-2.622	1.00	48.23	0013
ATON	054	CA	LEU	47	267.714	127.215	-8.044	1.00	82.55	0012	ATON	805	001	TRP	63	226.696	117.173	-2.681	1.00	48.23	0013
ATON	055	CA	LEU	47	267.966	127.004	-8.901	1.00	82.55	0012	ATON	806	001	TRP	63	227.076	117.187	-2.740	1.00	48.23	0013
ATON	056	C	LEU	47	267.165	120.013	-7.732	1.00	84.20	0012	ATON	807	001	TRP	63	227.456	117.201	-2.799	1.00	48.23	0013
ATON	057	C	LEU	47	267.160	119.243	-7.629	1.00	82.55	0012	ATON	808	001	TRP	63	227.836	117.215	-2.858	1.00	48.23	0013
ATON	058	CA	LEU	47	267.443	119.350	-7.949	1.00	82.55	0012	ATON	809	001	TRP	63	228.216	117.229	-2.917	1.00	48.23	0013
ATON	059	CA	LEU	47	267.315	119.347	-7.949	1.00	82.55	0012	ATON	810	001	TRP	63	228.596	117.243	-2.976	1.00	48.23	0013
ATON	060	C	LEU	47	267.094	119.316	-7.245	1.00	78.55	0012	ATON	811	001	TRP	63	228.976	117.257	-3.035	1.00	48.23	0013
ATON	061	C	LEU	47	267.231	119.414	-8.751	1.00	78.55	0012	ATON	812	001	TRP	63	229.356	117.271	-3.094	1.00	48.23	0013
ATON	062	C	LEU	47	267.453	118.781	-8.032	1.00	78.55	0012	ATON	813	001	TRP	63	229.736	117.285	-3.153	1.00	48.23	0013
ATON	063	C	LEU	47	267.094	119.316	-7.245	1.00	78.55	0012	ATON	814	001	TRP	63	230.116	117.299	-3.212	1.00	48.23	0013
ATON	064	C	LEU	47	267.231	119.414	-8.751	1.00	78.55	0012	ATON	815	001	TRP	63	230.496	117.313	-3.271	1.00	48.23	0013
ATON	065	C	LEU	47	267.453	118.781	-8.032	1.00	78.55	0012	ATON	816	001	TRP	63	230.876	117.327	-3.330	1.00	48.23	0013
ATON	066	C	LEU	47	267.094	119.316	-7.245	1.00	78.55	0012	ATON	817	001	TRP	63	231.256	117.341	-3.389	1.00	48.23	0013
ATON	067	C	LEU	47	267.231	119.414	-8.751	1.00	78.55	0012	ATON	818	001	TRP	63	231.636	117.355	-3.448	1.00	48.23	0013
ATON	068	C	LEU	47	267.453	118.781	-8.032	1.00	78.55	0012	ATON	819	001	TRP	63	232.016	117.369	-3.507	1.00	48.23	0013
ATON	069	C	LEU	47	267.094	119.316	-7.245	1.00	78.55	0012	ATON	820	001	TRP	63	232.396	117.383	-3.566	1.00	48.23	0013
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ATOC	1121	NO	NET	01	255.144	96.568	19.740	1.00	68.83	NO11	ATOC	1274	C	ARC	00	246.166	110.232	12.287	1.00	67.87	NO17
ATOC	1122	CA	NET	01	255.121	96.301	19.414	1.00	68.81	NO12	ATOC	1275	C	ARC	00	245.875	111.251	11.615	1.00	67.87	NO18
ATOC	1123	C	NET	01	255.254	96.495	19.741	1.00	68.86	NO13	ATOC	1276	C	ARC	00	245.368	109.416	11.019	1.00	70.41	NO19
ATOC	1124	C	NET	01	254.914	95.783	19.416	1.00	75.66	NO14	ATOC	1277	C	ARC	00	241.904	106.141	11.174	1.00	70.41	NO20
ATOC	1125	C	NET	07	254.960	96.243	19.173	1.00	111.19	NO15	ATOC	1278	C	ARC	00	243.229	110.451	11.161	1.00	70.41	NO21
ATOC	1126	CA	NET	07	254.927	95.880	19.164	1.00	111.19	NO16	ATOC	1279	C	ARC	00	242.715	111.519	11.255	1.00	70.41	NO22
ATOC	1127	CA	NET	07	254.932	96.099	17.664	1.00	77.62	NO17	ATOC	1280	C	ARC	00	242.161	109.042	10.969	1.00	61.16	NO23
ATOC	1128	CA	NET	07	255.974	94.605	19.171	1.00	92.90	NO18	ATOC	1281	C	ARC	00	242.060	110.421	9.955	1.00	61.16	NO24
ATOC	1129	CA	NET	07	256.511	92.781	19.193	1.00	92.90	NO19	ATOC	1282	C	ARC	00	241.962	110.388	9.028	1.00	61.16	NO25
ATOC	1130	CA	NET	07	257.998	92.413	19.193	1.00	92.90	NO20	ATOC	1283	C	ARC	00	241.961	111.318	8.124	1.00	61.16	NO26
ATOC	1131	C	NET	07	254.365	95.163	18.415	1.00	110.11	NO21	ATOC	1284	C	ARC	00	241.961	110.426	8.797	1.00	61.16	NO27
ATOC	1132	C	NET	07	256.004	94.219	19.237	1.00	110.11	NO22	ATOC	1285	C	ARC	00	241.961	109.042	9.955	1.00	61.16	NO28
ATOC	1133	C	NET	07	255.419	96.203	18.662	1.00	89.36	NO23	ATOC	1286	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO29
ATOC	1134	C	NET	07	255.975	94.342	19.994	1.00	89.36	NO24	ATOC	1287	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO30
ATOC	1135	C	NET	07	255.975	94.342	20.913	1.00	89.36	NO25	ATOC	1288	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO31
ATOC	1136	CA	NET	07	256.132	95.947	21.990	1.00	11.00	NO26	ATOC	1289	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO32
ATOC	1137	CA	NET	07	255.311	97.466	18.729	1.00	89.36	NO27	ATOC	1290	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO33
ATOC	1138	C	NET	07	257.432	94.110	20.294	1.00	89.36	NO28	ATOC	1291	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO34
ATOC	1139	C	NET	07	257.296	94.354	20.294	1.00	89.36	NO29	ATOC	1292	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO35
ATOC	1140	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO30	ATOC	1293	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO36
ATOC	1141	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO31	ATOC	1294	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO37
ATOC	1142	CA	NET	07	257.080	97.133	19.611	1.00	89.36	NO32	ATOC	1295	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO38
ATOC	1143	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO33	ATOC	1296	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO39
ATOC	1144	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO34	ATOC	1297	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO40
ATOC	1145	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO35	ATOC	1298	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO41
ATOC	1146	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO36	ATOC	1299	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO42
ATOC	1147	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO37	ATOC	1300	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO43
ATOC	1148	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO38	ATOC	1301	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO44
ATOC	1149	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO39	ATOC	1302	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO45
ATOC	1150	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO40	ATOC	1303	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO46
ATOC	1151	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO41	ATOC	1304	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO47
ATOC	1152	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO42	ATOC	1305	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO48
ATOC	1153	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO43	ATOC	1306	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO49
ATOC	1154	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO44	ATOC	1307	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO50
ATOC	1155	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO45	ATOC	1308	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO51
ATOC	1156	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO46	ATOC	1309	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO52
ATOC	1157	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO47	ATOC	1310	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO53
ATOC	1158	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO48	ATOC	1311	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO54
ATOC	1159	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO49	ATOC	1312	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO55
ATOC	1160	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO50	ATOC	1313	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO56
ATOC	1161	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO51	ATOC	1314	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO57
ATOC	1162	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO52	ATOC	1315	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO58
ATOC	1163	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO53	ATOC	1316	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO59
ATOC	1164	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO54	ATOC	1317	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO60
ATOC	1165	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO55	ATOC	1318	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO61
ATOC	1166	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO56	ATOC	1319	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO62
ATOC	1167	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO57	ATOC	1320	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO63
ATOC	1168	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO58	ATOC	1321	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO64
ATOC	1169	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO59	ATOC	1322	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO65
ATOC	1170	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO60	ATOC	1323	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO66
ATOC	1171	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO61	ATOC	1324	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO67
ATOC	1172	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO62	ATOC	1325	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO68
ATOC	1173	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO63	ATOC	1326	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO69
ATOC	1174	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO64	ATOC	1327	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO70
ATOC	1175	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO65	ATOC	1328	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO71
ATOC	1176	C	NET	07	257.080	97.133	19.611	1.00	89.36	NO66	ATOC	1329	C	ARC	00	241.961	110.426	9.955	1.00	61.16	NO72
ATOC	1177	C	NET	07	257.080	97.133	1														

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ATON	1763	C	GLP	37	139.786	107.355	-62.434	1.00	46.10	0015
ATON	1764	C	GLP	37	140.981	107.356	-62.434	1.00	46.10	0015
ATON	1765	C	GLP	37	142.176	107.357	-62.434	1.00	46.10	0015
ATON	1766	C	GLP	37	143.371	107.358	-62.434	1.00	46.10	0015
ATON	1767	C	GLP	37	144.566	107.359	-62.434	1.00	46.10	0015
ATON	1768	C	GLP	37	145.761	107.360	-62.434	1.00	46.10	0015
ATON	1769	C	GLP	37	146.956	107.361	-62.434	1.00	46.10	0015
ATON	1770	C	GLP	37	148.151	107.362	-62.434	1.00	46.10	0015
ATON	1771	C	GLP	37	149.346	107.363	-62.434	1.00	46.10	0015
ATON	1772	C	GLP	37	150.541	107.364	-62.434	1.00	46.10	0015
ATON	1773	C	GLP	37	151.736	107.365	-62.434	1.00	46.10	0015
ATON	1774	C	GLP	37	152.931	107.366	-62.434	1.00	46.10	0015
ATON	1775	C	GLP	37	154.126	107.367	-62.434	1.00	46.10	0015
ATON	1776	C	GLP	37	155.321	107.368	-62.434	1.00	46.10	0015
ATON	1777	C	GLP	37	156.516	107.369	-62.434	1.00	46.10	0015
ATON	1778	C	GLP	37	157.711	107.370	-62.434	1.00	46.10	0015
ATON	1779	C	GLP	37	158.906	107.371	-62.434	1.00	46.10	0015
ATON	1780	C	GLP	37	160.101	107.372	-62.434	1.00	46.10	0015
ATON	1781	C	GLP	37	161.296	107.373	-62.434	1.00	46.10	0015
ATON	1782	C	GLP	37	162.491	107.374	-62.434	1.00	46.10	0015
ATON	1783	C	GLP	37	163.686	107.375	-62.434	1.00	46.10	0015
ATON	1784	C	GLP	37	164.881	107.376	-62.434	1.00	46.10	0015
ATON	1785	C	GLP	37	166.076	107.377	-62.434	1.00	46.10	0015
ATON	1786	C	GLP	37	167.271	107.378	-62.434	1.00	46.10	0015
ATON	1787	C	GLP	37	168.466	107.379	-62.434	1.00	46.10	0015
ATON	1788	C	GLP	37	169.661	107.380	-62.434	1.00	46.10	0015
ATON	1789	C	GLP	37	170.856	107.381	-62.434	1.00	46.10	0015
ATON	1790	C	GLP	37	172.051	107.382	-62.434	1.00	46.10	0015
ATON	1791	C	GLP	37	173.246	107.383	-62.434	1.00	46.10	0015
ATON	1792	C	GLP	37	174.441	107.384	-62.434	1.00	46.10	0015
ATON	1793	C	GLP	37	175.636	107.385	-62.434	1.00	46.10	0015
ATON	1794	C	GLP	37	176.831	107.386	-62.434	1.00	46.10	0015
ATON	1795	C	GLP	37	178.026	107.387	-62.434	1.00	46.10	0015
ATON	1796	C	GLP	37	179.221	107.388	-62.434	1.00	46.10	0015
ATON	1797	C	GLP	37	180.416	107.389	-62.434	1.00	46.10	0015
ATON	1798	C	GLP	37	181.611	107.390	-62.434	1.00	46.10	0015
ATON	1799	C	GLP	37	182.806	107.391	-62.434	1.00	46.10	0015
ATON	1800	C	GLP	37	184.001	107.392	-62.434	1.00	46.10	0015
ATON	1801	C	GLP	37	185.196	107.393	-62.434	1.00	46.10	0015
ATON	1802	C	GLP	37	186.391	107.394	-62.434	1.00	46.10	0015
ATON	1803	C	GLP	37	187.586	107.395	-62.434	1.00	46.10	0015
ATON	1804	C	GLP	37	188.781	107.396	-62.434	1.00	46.10	0015
ATON	1805	C	GLP	37	189.976	107.397	-62.434	1.00	46.10	0015
ATON	1806	C	GLP	37	191.171	107.398	-62.434	1.00	46.10	0015
ATON	1807	C	GLP	37	192.366	107.399	-62.434	1.00	46.10	0015
ATON	1808	C	GLP	37	193.561	107.400	-62.434	1.00	46.10	0015
ATON	1809	C	GLP	37	194.756	107.401	-62.434	1.00	46.10	0015
ATON	1810	C	GLP	37	195.951	107.402	-62.434	1.00	46.10	0015
ATON	1811	C	GLP	37	197.146	107.403	-62.434	1.00	46.10	0015
ATON	1812	C	GLP	37	198.341	107.404	-62.434	1.00	46.10	0015
ATON	1813	C	GLP	37	199.536	107.405	-62.434	1.00	46.10	0015
ATON	1814	C	GLP	37	200.731	107.406	-62.434	1.00	46.10	0015
ATON	1815	C	GLP	37	201.926	107.407	-62.434	1.00	46.10	0015
ATON	1816	C	GLP	37	203.121	107.408	-62.434	1.00	46.10	0015
ATON	1817	C	GLP	37	204.316	107.409	-62.434	1.00	46.10	0015
ATON	1818	C	GLP	37	205.511	107.410	-62.434	1.00	46.10	0015
ATON	1819	C	GLP	37	206.706	107.411	-62.434	1.00	46.10	0015
ATON	1820	C	GLP	37	207.901	107.412	-62.434	1.00	46.10	0015
ATON	1821	C	GLP	37	209.096	107.413	-62.434	1.00	46.10	0015
ATON	1822	C	GLP	37	210.291	107.414	-62.434	1.00	46.10	0015
ATON	1823	C	GLP	37	211.486	107.415	-62.434	1.00	46.10	0015
ATON	1824	C	GLP	37	212.681	107.416	-62.434	1.00	46.10	0015
ATON	1825	C	GLP	37	213.876	107.417	-62.434	1.00	46.10	0015
ATON	1826	C	GLP	37	215.071	107.418	-62.434	1.00	46.10	0015
ATON	1827	C	GLP	37	216.266	107.419	-62.434	1.00	46.10	0015
ATON	1828	C	GLP	37	217.461	107.420	-62.434	1.00	46.10	0015
ATON	1829	C	GLP	37	218.656	107.421	-62.434	1.00	46.10	0015
ATON	1830	C	GLP	37	219.851	107.422	-62.434	1.00	46.10	0015
ATON	1831	C	GLP	37	221.046	107.423	-62.434	1.00	46.10	0015
ATON	1832	C	GLP	37	222.241	107.424	-62.434	1.00	46.10	0015
ATON	1833	C	GLP	37	223.436	107.425	-62.434	1.00	46.10	0015
ATON	1834	C	GLP	37	224.631	107.426	-62.434	1.00	46.10	0015
ATON	1835	C	GLP	37	225.826	107.427	-62.434	1.00	46.10	0015
ATON	1836	C	GLP	37	227.021	107.428	-62.434	1.00	46.10	0015
ATON	1837	C	GLP	37	228.216	107.429	-62.434	1.00	46.10	0015
ATON	1838	C	GLP	37	229.411	107.430	-62.434	1.00	46.10	0015
ATON	1839	C	GLP	37	230.606	107.431	-62.434	1.00	46.10	0015
ATON	1840	C	GLP	37	231.801	107.432	-62.434	1.00	46.10	0015
ATON	1841	C	GLP	37	233.096	107.433	-62.434	1.00	46.10	0015
ATON	1842	C	GLP	37	234.291	107.434	-62.434	1.00	46.10	0015
ATON	1843	C	GLP	37	235.486	107.435	-62.434	1.00	46.10	0015
ATON	1844	C	GLP	37	236.681	107.436	-62.434	1.00	46.10	0015
ATON	1845	C	GLP	37	237.876	107.437	-62.434	1.00	46.10	0015
ATON	1846	C	GLP	37	239.071	107.438	-62.434	1.00	46.10	0015
ATON	1847	C	GLP	37	240.266	107.439	-62.434	1.00	46.10	0015
ATON	1848	C	GLP	37	241.461	107.440	-62.434	1.00	46.10	0015
ATON	1849	C	GLP	37	242.656	107.441	-62.434	1.00	46.10	0015
ATON	1850	C	GLP	37	243.851	107.442	-62.434	1.00	46.10	0015
ATON	1851	C	GLP	37	245.046	107.443	-62.434	1.00	46.10	0015
ATON	1852	C	GLP	37	246.241	107.444	-62.434	1.00	46.10	0015
ATON	1853	C	GLP	37	247.436	107.445	-62.434	1.00	46.10	0015
ATON	1854	C	GLP	37	248.631	107.446	-62.434	1.00	46.10	0015
ATON	1855	C	GLP	37	249.826	107.447	-62.434	1.00	46.10	0015
ATON	1856	C	GLP	37	251.021	107.448	-62.434	1.00	46.10	0015
ATON	1857	C	GLP	37	252.216	107.449	-62.434	1.00	46.10	0015
ATON	1858	C	GLP	37	253.411	107.450	-62.434	1.00	46.10	0015
ATON	1859	C	GLP	37	254.606	107.451	-62.434	1.00	46.10	0015
ATON	1860	C	GLP	37	255.801	107.452	-62.434	1.00	46.10	0015
ATON	1861	C	GLP	37	257.096	107.453	-62.434	1.00	46.10	0015
ATON	1862	C	GLP	37	258.291	107.454	-62.434	1.00	46.10	0015
ATON	1863	C	GLP	37	259.486	107.455	-62.434	1.00	46.10	0015
ATON	1864	C	GLP	37	260.681	107.456	-62.434	1.00	46.10	0015
ATON	1865	C	GLP	37	261.876	107.457	-62.434	1.00	46.10	0015
ATON	1866	C	GLP	37	263.071	107.458	-62.434	1.00	46.10	0015
ATON	1867	C	GLP	37	264.266	107.459	-62.434	1.00	46.10	0015
ATON	1868	C	GLP	37	265.461	107.460	-62.434	1.00	46.10	0015
ATON	1869	C	GLP	37	266.656	107.461	-62.434	1.00	46.10	0015
ATON	1870	C	GLP	37	267.851	107.462				

	ATYON	1999	CS	ARC	62	147,793	99,734	-0.7338	1.00	32.09	0013	ATYON	2131	CEI	TYA	11	131,001	97,642	-0.2637	1.00	34.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2132	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2133	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2134	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2135	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2136	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2137	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2138	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2139	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2140	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2141	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2142	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2143	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2144	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2145	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2146	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2147	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2148	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2149	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2150	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2151	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2152	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2153	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2154	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2155	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2156	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2157	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2158	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2159	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2160	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2161	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2162	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2163	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2164	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2165	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2166	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2167	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2168	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2169	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2170	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2171	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2172	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2173	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2174	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2175	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2176	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2177	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2178	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2179	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2180	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2181	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2182	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2183	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2184	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2185	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2186	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2187	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2188	COI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2189	CEI	TYA	11	131,297	96,525	-0.2601	1.00	36.94	0013
	ATYON	1999	SMI	ARC	62	147,963	99,711	-0.7377	1.00	37.05	0013	ATYON	2190	COI	TYA	11	131,297	96,525	-0.			

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ATON	2274	O	ALA	4	114.730	16.122	14.465	1.00	40.83	PA16
ATON	2275	O	ALA	4	114.716	16.104	14.444	1.00	41.29	PA16
ATON	2276	O	ALA	4	114.702	16.086	14.423	1.00	41.75	PA16
ATON	2277	O	ALA	4	114.688	16.068	14.402	1.00	42.21	PA16
ATON	2278	O	ALA	4	114.674	16.050	14.381	1.00	42.67	PA16
ATON	2279	O	ALA	4	114.660	16.032	14.360	1.00	43.13	PA16
ATON	2280	O	ALA	4	114.646	16.014	14.339	1.00	43.59	PA16
ATON	2281	O	ALA	4	114.632	15.996	14.318	1.00	43.99	PA16
ATON	2282	O	ALA	4	114.618	15.978	14.297	1.00	44.45	PA16
ATON	2283	O	ALA	4	114.604	15.960	14.276	1.00	44.91	PA16
ATON	2284	O	ALA	4	114.590	15.942	14.255	1.00	45.37	PA16
ATON	2285	O	ALA	4	114.576	15.924	14.234	1.00	45.83	PA16
ATON	2286	O	ALA	4	114.562	15.906	14.213	1.00	46.29	PA16
ATON	2287	O	ALA	4	114.548	15.888	14.192	1.00	46.75	PA16
ATON	2288	O	ALA	4	114.534	15.870	14.171	1.00	47.21	PA16
ATON	2289	O	ALA	4	114.520	15.852	14.150	1.00	47.67	PA16
ATON	2290	O	ALA	4	114.506	15.834	14.129	1.00	48.13	PA16
ATON	2291	O	ALA	4	114.492	15.816	14.108	1.00	48.59	PA16
ATON	2292	O	ALA	4	114.478	15.798	14.087	1.00	49.05	PA16
ATON	2293	O	ALA	4	114.464	15.780	14.066	1.00	49.51	PA16
ATON	2294	O	ALA	4	114.450	15.762	14.045	1.00	49.97	PA16
ATON	2295	O	ALA	4	114.436	15.744	14.024	1.00	50.43	PA16
ATON	2296	O	ALA	4	114.422	15.726	14.003	1.00	50.89	PA16
ATON	2297	O	ALA	4	114.408	15.708	13.982	1.00	51.35	PA16
ATON	2298	O	ALA	4	114.394	15.690	13.961	1.00	51.81	PA16
ATON	2299	O	ALA	4	114.380	15.672	13.940	1.00	52.27	PA16
ATON	2300	O	ALA	4	114.366	15.654	13.919	1.00	52.73	PA16
ATON	2301	O	ALA	4	114.352	15.636	13.898	1.00	53.19	PA16
ATON	2302	O	ALA	4	114.338	15.618	13.877	1.00	53.65	PA16
ATON	2303	O	ALA	4	114.324	15.600	13.856	1.00	54.11	PA16
ATON	2304	O	ALA	4	114.310	15.582	13.835	1.00	54.57	PA16
ATON	2305	O	ALA	4	114.296	15.564	13.814	1.00	55.03	PA16
ATON	2306	O	ALA	4	114.282	15.546	13.793	1.00	55.49	PA16
ATON	2307	O	ALA	4	114.268	15.528	13.772	1.00	55.95	PA16
ATON	2308	O	ALA	4	114.254	15.510	13.751	1.00	56.41	PA16
ATON	2309	O	ALA	4	114.240	15.492	13.730	1.00	56.87	PA16
ATON	2310	O	ALA	4	114.226	15.474	13.709	1.00	57.33	PA16
ATON	2311	O	ALA	4	114.212	15.456	13.688	1.00	57.79	PA16
ATON	2312	O	ALA	4	114.198	15.438	13.667	1.00	58.25	PA16
ATON	2313	O	ALA	4	114.184	15.420	13.646	1.00	58.71	PA16
ATON	2314	O	ALA	4	114.170	15.402	13.625	1.00	59.17	PA16
ATON	2315	O	ALA	4	114.156	15.384	13.604	1.00	59.63	PA16
ATON	2316	O	ALA	4	114.142	15.366	13.583	1.00	60.09	PA16
ATON	2317	O	ALA	4	114.128	15.348	13.562	1.00	60.55	PA16
ATON	2318	O	ALA	4	114.114	15.330	13.541	1.00	61.01	PA16
ATON	2319	O	ALA	4	114.100	15.312	13.520	1.00	61.47	PA16
ATON	2320	O	ALA	4	114.086	15.294	13.499	1.00	61.93	PA16
ATON	2321	O	ALA	4	114.072	15.276	13.478	1.00	62.39	PA16
ATON	2322	O	ALA	4	114.058	15.258	13.457	1.00	62.85	PA16
ATON	2323	O	ALA	4	114.044	15.240	13.436	1.00	63.31	PA16
ATON	2324	O	ALA	4	114.030	15.222	13.415	1.00	63.77	PA16
ATON	2325	O	ALA	4	114.016	15.204	13.394	1.00	64.23	PA16
ATON	2326	O	ALA	4	114.002	15.186	13.373	1.00	64.69	PA16
ATON	2327	O	ALA	4	113.988	15.168	13.352	1.00	65.15	PA16
ATON	2328	O	ALA	4	113.974	15.150	13.331	1.00	65.61	PA16
ATON	2329	O	ALA	4	113.960	15.132	13.310	1.00	66.07	PA16
ATON	2330	O	ALA	4	113.946	15.114	13.289	1.00	66.53	PA16
ATON	2331	O	ALA	4	113.932	15.096	13.268	1.00	66.99	PA16
ATON	2332	O	ALA	4	113.918	15.078	13.247	1.00	67.45	PA16
ATON	2333	O	ALA	4	113.904	15.060	13.226	1.00	67.91	PA16
ATON	2334	O	ALA	4	113.890	15.042	13.205	1.00	68.37	PA16
ATON	2335	O	ALA	4	113.876	15.024	13.184	1.00	68.83	PA16
ATON	2336	O	ALA	4	113.862	15.006	13.163	1.00	69.29	PA16
ATON	2337	O	ALA	4	113.848	14.988	13.142	1.00	69.75	PA16
ATON	2338	O	ALA	4	113.834	14.970	13.121	1.00	70.21	PA16
ATON	2339	O	ALA	4	113.820	14.952	13.100	1.00	70.67	PA16
ATON	2340	O	ALA	4	113.806	14.934	13.079	1.00	71.13	PA16
ATON	2341	O	ALA	4	113.792	14.916	13.058	1.00	71.59	PA16
ATON	2342	O	ALA	4	113.778	14.898	13.037	1.00	72.05	PA16
ATON	2343	O	ALA	4	113.764	14.880	13.016	1.00	72.51	PA16
ATON	2344	O	ALA	4	113.750	14.862	12.995	1.00	72.97	PA16
ATON	2345	O	ALA	4	113.736	14.844	12.974	1.00	73.43	PA16
ATON	2346	O	ALA	4	113.722	14.826	12.953	1.00	73.89	PA16
ATON	2347	O	ALA	4	113.708	14.808	12.932	1.00	74.35	PA16
ATON	2348	O	ALA	4	113.694	14.790	12.911	1.00	74.81	PA16
ATON	2349	O	ALA	4	113.680	14.772	12.890	1.00	75.27	PA16
ATON	2350	O	ALA	4	113.666	14.754	12.869	1.00	75.73	PA16
ATON	2351	O	ALA	4	113.652	14.736	12.848	1.00	76.19	PA16
ATON	2352	O	ALA	4	113.638	14.718	12.827	1.00	76.65	PA16
ATON	2353	O	ALA	4	113.624	14.700	12.806	1.00	77.11	PA16
ATON	2354	O	ALA	4	113.610	14.682	12.785	1.00	77.57	PA16
ATON	2355	O	ALA	4	113.596	14.664	12.764	1.00	78.03	PA16
ATON	2356	O	ALA	4	113.582	14.646	12.743	1.00	78.49	PA16
ATON	2357	O	ALA	4	113.568	14.628	12.722	1.00	78.95	PA16
ATON	2358	O	ALA	4	113.554	14.610	12.701	1.00	79.41	PA16
ATON	2359	O	ALA	4	113.540	14.592	12.680	1.00	79.87	PA16
ATON	2360	O	ALA	4	113.526	14.574	12.659	1.00	80.33	PA16
ATON	2361	O	ALA	4	113.512	14.556	12.638	1.00	80.79	PA16
ATON	2362	O	ALA	4	113.498	14.538	12.617	1.00	81.25	PA16
ATON	2363	O	ALA	4	113.484	14.520	12.596	1.00	81.71	PA16
ATON	2364	O	ALA	4	113.470	14.502	12.575	1.00	82.17	PA16
ATON	2365	O	ALA	4	113.456	14.484	12.554	1.00	82.63	PA16
ATON	2366	O	ALA	4	113.442	14.466	12.533	1.00	83.09	PA16
ATON	2367	O	ALA	4	113.428	14.448	12.512	1.00	83.55	PA16
ATON	2368	O	ALA	4	113.414	14.430	12.491	1.00	84.01	PA16
ATON	2369	O	ALA	4	113.400	14.412	12.470	1.00	84.47	PA16
ATON	2370	O	ALA	4	113.386	14.394	12.449	1.00	84.93	PA16
ATON	2371	O	ALA	4	113.372	14.376	12.428	1.00	85.39	PA16
ATON	2372	O	ALA	4	113.358	14.358	12.407	1.00	85.85	PA16
ATON	2373	O	ALA	4	113.344	14.340	12.386	1.00	86.31	PA16
ATON	2374	O	ALA	4	113.330	14.322	12.365	1.00	86.77	PA16
ATON	2375	O	ALA	4	113.316	14.304	12.344	1.00	87.23	PA16
ATON	2376	O	ALA	4	113.302	14.286	12.323	1.00	87.69	PA16
ATON	2377	O	ALA	4	113.288	14.268	12.302	1.00	88.15	PA16
ATON	2378	O	ALA	4	113.274	14.250	12.281	1.00	88.61	PA16
ATON	2379	O	ALA	4	113.260	14.232	12.260	1.00	89.07	PA16
ATON	2380	O	ALA	4	113.246	14.214	12.239	1.00	89.53	PA16
ATON	2381	O	ALA	4	113.232	14.196	12.218	1.00	89.99	PA16
ATON	2382	O	ALA	4	113.218	14.178	12.197	1.00	90.45	PA16
ATON	2383	O	ALA	4	113.204	14.160	12.176	1.00	90.91	PA16
ATON	2384	O	ALA	4	113.190	14.142	12.155	1.00	91.37	PA16
ATON	2385	O	ALA	4	113.176	14.124	12.134	1.00	91.83	PA16

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ATON	2014	C	LED	74	103.030	76.633	19.871	1.00	41.42	0014
ATON	2015	C	LED	74	103.119	76.641	19.795	1.00	41.42	0015
ATON	2016	C	LED	74	103.093	77.061	19.951	1.00	43.50	0016
ATON	2017	C	LED	74	103.087	77.933	19.832	1.00	43.50	0017
ATON	2018	C	LED	74	103.136	76.641	20.712	1.00	42.97	0018
ATON	2019	C	LED	74	100.394	76.458	21.152	1.00	42.97	0019
ATON	2020	C	LED	74	100.394	76.200	22.378	1.00	40.07	0020
ATON	2021	C	LED	74	100.413	73.993	23.488	1.00	40.07	0021
ATON	2022	C	LED	74	101.648	76.295	20.738	1.00	43.40	0022
ATON	2023	C	LED	74	100.427	74.315	20.134	1.00	40.97	0023
ATON	2024	C	LED	74	99.943	74.475	19.829	1.00	40.97	0024
ATON	2025	C	LED	74	101.648	76.295	20.738	1.00	43.40	0025
ATON	2026	C	LED	74	100.427	74.315	20.134	1.00	40.97	0026
ATON	2027	C	LED	74	99.943	74.475	19.829	1.00	40.97	0027
ATON	2028	C	LED	74	101.648	76.295	20.738	1.00	43.40	0028
ATON	2029	C	LED	74	100.427	74.315	20.134	1.00	40.97	0029
ATON	2030	C	LED	74	99.943	74.475	19.829	1.00	40.97	0030
ATON	2031	C	LED	74	101.648	76.295	20.738	1.00	43.40	0031
ATON	2032	C	LED	74	100.427	74.315	20.134	1.00	40.97	0032
ATON	2033	C	LED	74	99.943	74.475	19.829	1.00	40.97	0033
ATON	2034	C	LED	74	101.648	76.295	20.738	1.00	43.40	0034
ATON	2035	C	LED	74	100.427	74.315	20.134	1.00	40.97	0035
ATON	2036	C	LED	74	99.943	74.475	19.829	1.00	40.97	0036
ATON	2037	C	LED	74	101.648	76.295	20.738	1.00	43.40	0037
ATON	2038	C	LED	74	100.427	74.315	20.134	1.00	40.97	0038
ATON	2039	C	LED	74	99.943	74.475	19.829	1.00	40.97	0039
ATON	2040	C	LED	74	101.648	76.295	20.738	1.00	43.40	0040
ATON	2041	C	LED	74	100.427	74.315	20.134	1.00	40.97	0041
ATON	2042	C	LED	74	99.943	74.475	19.829	1.00	40.97	0042
ATON	2043	C	LED	74	101.648	76.295	20.738	1.00	43.40	0043
ATON	2044	C	LED	74	100.427	74.315	20.134	1.00	40.97	0044
ATON	2045	C	LED	74	99.943	74.475	19.829	1.00	40.97	0045
ATON	2046	C	LED	74	101.648	76.295	20.738	1.00	43.40	0046
ATON	2047	C	LED	74	100.427	74.315	20.134	1.00	40.97	0047
ATON	2048	C	LED	74	99.943	74.475	19.829	1.00	40.97	0048
ATON	2049	C	LED	74	101.648	76.295	20.738	1.00	43.40	0049
ATON	2050	C	LED	74	100.427	74.315	20.134	1.00	40.97	0050
ATON	2051	C	LED	74	99.943	74.475	19.829	1.00	40.97	0051
ATON	2052	C	LED	74	101.648	76.295	20.738	1.00	43.40	0052
ATON	2053	C	LED	74	100.427	74.315	20.134	1.00	40.97	0053
ATON	2054	C	LED	74	99.943	74.475	19.829	1.00	40.97	0054
ATON	2055	C	LED	74	101.648	76.295	20.738	1.00	43.40	0055
ATON	2056	C	LED	74	100.427	74.315	20.134	1.00	40.97	0056
ATON	2057	C	LED	74	99.943	74.475	19.829	1.00	40.97	0057
ATON	2058	C	LED	74	101.648	76.295	20.738	1.00	43.40	0058
ATON	2059	C	LED	74	100.427	74.315	20.134	1.00	40.97	0059
ATON	2060	C	LED	74	99.943	74.475	19.829	1.00	40.97	0060
ATON	2061	C	LED	74	101.648	76.295	20.738	1.00	43.40	0061
ATON	2062	C	LED	74	100.427	74.315	20.134	1.00	40.97	0062
ATON	2063	C	LED	74	99.943	74.475	19.829	1.00	40.97	0063
ATON	2064	C	LED	74	101.648	76.295	20.738	1.00	43.40	0064
ATON	2065	C	LED	74	100.427	74.315	20.134	1.00	40.97	0065
ATON	2066	C	LED	74	99.943	74.475	19.829	1.00	40.97	0066
ATON	2067	C	LED	74	101.648	76.295	20.738	1.00	43.40	0067
ATON	2068	C	LED	74	100.427	74.315	20.134	1.00	40.97	0068
ATON	2069	C	LED	74	99.943	74.475	19.829	1.00	40.97	0069
ATON	2070	C	LED	74	101.648	76.295	20.738	1.00	43.40	0070
ATON	2071	C	LED	74	100.427	74.315	20.134	1.00	40.97	0071
ATON	2072	C	LED	74	99.943	74.475	19.829	1.00	40.97	0072
ATON	2073	C	LED	74	101.648	76.295	20.738	1.00	43.40	0073
ATON	2074	C	LED	74	100.427	74.315	20.134	1.00	40.97	0074
ATON	2075	C	LED	74	99.943	74.475	19.829	1.00	40.97	0075
ATON	2076	C	LED	74	101.648	76.295	20.738	1.00	43.40	0076
ATON	2077	C	LED	74	100.427	74.315	20.134	1.00	40.97	0077
ATON	2078	C	LED	74	99.943	74.475	19.829	1.00	40.97	0078
ATON	2079	C	LED	74	101.648	76.295	20.738	1.00	43.40	0079
ATON	2080	C	LED	74	100.427	74.315	20.134	1.00	40.97	0080
ATON	2081	C	LED	74	99.943	74.475	19.829	1.00	40.97	0081
ATON	2082	C	LED	74	101.648	76.295	20.738	1.00	43.40	0082
ATON	2083	C	LED	74	100.427	74.315	20.134	1.00	40.97	0083
ATON	2084	C	LED	74	99.943	74.475	19.829	1.00	40.97	0084
ATON	2085	C	LED	74	101.648	76.295	20.738	1.00	43.40	0085
ATON	2086	C	LED	74	100.427	74.315	20.134	1.00	40.97	0086
ATON	2087	C	LED	74	99.943	74.475	19.829	1.00	40.97	0087
ATON	2088	C	LED	74	101.648	76.295	20.738	1.00	43.40	0088
ATON	2089	C	LED	74	100.427	74.315	20.134	1.00	40.97	0089
ATON	2090	C	LED	74	99.943	74.475	19.829	1.00	40.97	0090
ATON	2091	C	LED	74	101.648	76.295	20.738	1.00	43.40	0091
ATON	2092	C	LED	74	100.427	74.315	20.134	1.00	40.97	0092
ATON	2093	C	LED	74	99.943	74.475	19.829	1.00	40.97	0093
ATON	2094	C	LED	74	101.648	76.295	20.738	1.00	43.40	0094
ATON	2095	C	LED	74	100.427	74.315	20.134	1.00	40.97	0095
ATON	2096	C	LED	74	99.943	74.475	19.829	1.00	40.97	0096
ATON	2097	C	LED	74	101.648	76.295	20.738	1.00	43.40	0097
ATON	2098	C	LED	74	100.427	74.315	20.134	1.00	40.97	0098
ATON	2099	C	LED	74	99.943	74.475	19.829	1.00	40.97	0099
ATON	2100	C	LED	74	101.648	76.295	20.738	1.00	43.40	0100

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ATON	1705	CE	ARC	92	126.230	86.464	-76.424	1.00	86.37	CH17
ATON	1706	CE	ARC	93	126.823	85.739	-75.749	1.00	86.37	CH17
ATON	1707	CE	ARC	94	127.416	85.014	-75.074	1.00	86.37	CH17
ATON	1708	CE	ARC	95	128.009	84.289	-74.404	1.00	86.37	CH17
ATON	1709	CE	ARC	96	128.602	83.564	-73.734	1.00	86.37	CH17
ATON	1710	CE	ARC	97	129.195	82.839	-73.064	1.00	86.37	CH17
ATON	1711	CE	ARC	98	129.788	82.114	-72.394	1.00	86.37	CH17
ATON	1712	CE	ARC	99	130.381	81.389	-71.724	1.00	86.37	CH17
ATON	1713	CE	ARC	100	130.974	80.664	-71.054	1.00	86.37	CH17
ATON	1714	CE	ARC	101	131.567	79.939	-70.384	1.00	86.37	CH17
ATON	1715	CE	ARC	102	132.160	79.214	-69.714	1.00	86.37	CH17
ATON	1716	CE	ARC	103	132.753	78.489	-69.044	1.00	86.37	CH17
ATON	1717	CE	ARC	104	133.346	77.764	-68.374	1.00	86.37	CH17
ATON	1718	CE	ARC	105	133.939	77.039	-67.704	1.00	86.37	CH17
ATON	1719	CE	ARC	106	134.532	76.314	-67.034	1.00	86.37	CH17
ATON	1720	CE	ARC	107	135.125	75.589	-66.364	1.00	86.37	CH17
ATON	1721	CE	ARC	108	135.718	74.864	-65.694	1.00	86.37	CH17
ATON	1722	CE	ARC	109	136.311	74.139	-65.024	1.00	86.37	CH17
ATON	1723	CE	ARC	110	136.904	73.414	-64.354	1.00	86.37	CH17
ATON	1724	CE	ARC	111	137.497	72.689	-63.684	1.00	86.37	CH17
ATON	1725	CE	ARC	112	138.090	71.964	-63.014	1.00	86.37	CH17
ATON	1726	CE	ARC	113	138.683	71.239	-62.344	1.00	86.37	CH17
ATON	1727	CE	ARC	114	139.276	70.514	-61.674	1.00	86.37	CH17
ATON	1728	CE	ARC	115	139.869	69.789	-61.004	1.00	86.37	CH17
ATON	1729	CE	ARC	116	140.462	69.064	-60.334	1.00	86.37	CH17
ATON	1730	CE	ARC	117	141.055	68.339	-59.664	1.00	86.37	CH17
ATON	1731	CE	ARC	118	141.648	67.614	-58.994	1.00	86.37	CH17
ATON	1732	CE	ARC	119	142.241	66.889	-58.324	1.00	86.37	CH17
ATON	1733	CE	ARC	120	142.834	66.164	-57.654	1.00	86.37	CH17
ATON	1734	CE	ARC	121	143.427	65.439	-56.984	1.00	86.37	CH17
ATON	1735	CE	ARC	122	144.020	64.714	-56.314	1.00	86.37	CH17
ATON	1736	CE	ARC	123	144.613	63.989	-55.644	1.00	86.37	CH17
ATON	1737	CE	ARC	124	145.206	63.264	-54.974	1.00	86.37	CH17
ATON	1738	CE	ARC	125	145.799	62.539	-54.304	1.00	86.37	CH17
ATON	1739	CE	ARC	126	146.392	61.814	-53.634	1.00	86.37	CH17
ATON	1740	CE	ARC	127	146.985	61.089	-52.964	1.00	86.37	CH17
ATON	1741	CE	ARC	128	147.578	60.364	-52.294	1.00	86.37	CH17
ATON	1742	CE	ARC	129	148.171	59.639	-51.624	1.00	86.37	CH17
ATON	1743	CE	ARC	130	148.764	58.914	-50.954	1.00	86.37	CH17
ATON	1744	CE	ARC	131	149.357	58.189	-50.284	1.00	86.37	CH17
ATON	1745	CE	ARC	132	149.950	57.464	-49.614	1.00	86.37	CH17
ATON	1746	CE	ARC	133	150.543	56.739	-48.944	1.00	86.37	CH17
ATON	1747	CE	ARC	134	151.136	56.014	-48.274	1.00	86.37	CH17
ATON	1748	CE	ARC	135	151.729	55.289	-47.604	1.00	86.37	CH17
ATON	1749	CE	ARC	136	152.322	54.564	-46.934	1.00	86.37	CH17
ATON	1750	CE	ARC	137	152.915	53.839	-46.264	1.00	86.37	CH17
ATON	1751	CE	ARC	138	153.508	53.114	-45.594	1.00	86.37	CH17
ATON	1752	CE	ARC	139	154.101	52.389	-44.924	1.00	86.37	CH17
ATON	1753	CE	ARC	140	154.694	51.664	-44.254	1.00	86.37	CH17
ATON	1754	CE	ARC	141	155.287	50.939	-43.584	1.00	86.37	CH17
ATON	1755	CE	ARC	142	155.880	50.214	-42.914	1.00	86.37	CH17
ATON	1756	CE	ARC	143	156.473	49.489	-42.244	1.00	86.37	CH17
ATON	1757	CE	ARC	144	157.066	48.764	-41.574	1.00	86.37	CH17
ATON	1758	CE	ARC	145	157.659	48.039	-40.904	1.00	86.37	CH17
ATON	1759	CE	ARC	146	158.252	47.314	-40.234	1.00	86.37	CH17
ATON	1760	CE	ARC	147	158.845	46.589	-39.564	1.00	86.37	CH17
ATON	1761	CE	ARC	148	159.438	45.864	-38.894	1.00	86.37	CH17
ATON	1762	CE	ARC	149	160.031	45.139	-38.224	1.00	86.37	CH17
ATON	1763	CE	ARC	150	160.624	44.414	-37.554	1.00	86.37	CH17
ATON	1764	CE	ARC	151	161.217	43.689	-36.884	1.00	86.37	CH17
ATON	1765	CE	ARC	152	161.810	42.964	-36.214	1.00	86.37	CH17
ATON	1766	CE	ARC	153	162.403	42.239	-35.544	1.00	86.37	CH17
ATON	1767	CE	ARC	154	162.996	41.514	-34.874	1.00	86.37	CH17
ATON	1768	CE	ARC	155	163.589	40.789	-34.204	1.00	86.37	CH17
ATON	1769	CE	ARC	156	164.182	40.064	-33.534	1.00	86.37	CH17
ATON	1770	CE	ARC	157	164.775	39.339	-32.864	1.00	86.37	CH17
ATON	1771	CE	ARC	158	165.368	38.614	-32.194	1.00	86.37	CH17
ATON	1772	CE	ARC	159	165.961	37.889	-31.524	1.00	86.37	CH17
ATON	1773	CE	ARC	160	166.554	37.164	-30.854	1.00	86.37	CH17
ATON	1774	CE	ARC	161	167.147	36.439	-30.184	1.00	86.37	CH17
ATON	1775	CE	ARC	162	167.740	35.714	-29.514	1.00	86.37	CH17
ATON	1776	CE	ARC	163	168.333	34.989	-28.844	1.00	86.37	CH17
ATON	1777	CE	ARC	164	168.926	34.264	-28.174	1.00	86.37	CH17
ATON	1778	CE	ARC	165	169.519	33.539	-27.504	1.00	86.37	CH17
ATON	1779	CE	ARC	166	170.112	32.814	-26.834	1.00	86.37	CH17
ATON	1780	CE	ARC	167	170.705	32.089	-26.164	1.00	86.37	CH17
ATON	1781	CE	ARC	168	171.298	31.364	-25.494	1.00	86.37	CH17
ATON	1782	CE	ARC	169	171.891	30.639	-24.824	1.00	86.37	CH17
ATON	1783	CE	ARC	170	172.484	29.914	-24.154	1.00	86.37	CH17
ATON	1784	CE	ARC	171	173.077	29.189	-23.484	1.00	86.37	CH17
ATON	1785	CE	ARC	172	173.670	28.464	-22.814	1.00	86.37	CH17
ATON	1786	CE	ARC	173	174.263	27.739	-22.144	1.00	86.37	CH17
ATON	1787	CE	ARC	174	174.856	27.014	-21.474	1.00	86.37	CH17
ATON	1788	CE	ARC	175	175.449	26.289	-20.804	1.00	86.37	CH17
ATON	1789	CE	ARC	176	176.042	25.564	-20.134	1.00	86.37	CH17
ATON	1790	CE	ARC	177	176.635	24.839	-19.464	1.00	86.37	CH17
ATON	1791	CE	ARC	178	177.228	24.114	-18.794	1.00	86.37	CH17
ATON	1792	CE	ARC	179	177.821	23.389	-18.124	1.00	86.37	CH17
ATON	1793	CE	ARC	180	178.414	22.664	-17.454	1.00	86.37	CH17
ATON	1794	CE	ARC	181	179.007	21.939	-16.784	1.00	86.37	CH17
ATON	1795	CE	ARC	182	179.600	21.214	-16.114	1.00	86.37	CH17
ATON	1796	CE	ARC	183	180.193	20.489	-15.444	1.00	86.37	CH17
ATON	1797	CE	ARC	184	180.786	19.764	-14.774	1.00	86.37	CH17
ATON	1798	CE	ARC	185	181.379	19.039	-14.104	1.00	86.37	CH17
ATON	1799	CE	ARC	186	181.972	18.314	-13.434	1.00	86.37	CH17
ATON	1800	CE	ARC	187	182.565	17.589	-12.764	1.00	86.37	CH17
ATON	1801	CE	ARC	188	183.158	16.864	-12.094	1.00	86.37	CH17
ATON	1802	CE	ARC	189	183.751	16.139	-11.424	1.00	86.37	CH17
ATON	1803	CE	ARC	190	184.344	15.414	-10.754	1.00	86.37	CH17
ATON	1804	CE	ARC	191	184.937	14.689	-10.084	1.00	86.37	CH17
ATON	1805	CE	ARC	192	185.530	13.964	-9.414	1.00	86.37	CH17
ATON	1806	CE	ARC	193	186.123	13.239	-8.744	1.00	86.37	CH17
ATON	1807	CE	ARC	194	186.716	12.514	-8.074	1.00	86.37	CH17
ATON	1808	CE	ARC	195	187.309	11.789	-7.404	1.00	86.37	CH17
ATON	1809	CE	ARC	196	187.902	11.064	-6.734	1.00	86.37	CH17
ATON	1810	CE	ARC	197	188.495	10.339	-6.064	1.00	86.37	CH17
ATON	1811	CE	ARC	198	189.088	9.614	-5.394	1.00	86.37	CH17
ATON	1812	CE	ARC	199	189.681	8				

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ATON	1374	CA	LED	79	181.712	123.434	-75.360	1.00	61.73	8318
ATON	1376	CA	LED	79	181.232	124.719	-74.601	1.00	59.86	8319
ATON	1377	CG	LED	79	181.295	125.417	-75.029	1.00	59.68	8320
ATON	1378	CG	LED	79	181.340	125.908	-75.172	1.00	59.86	8321
ATON	1379	CG	LED	79	181.381	126.414	-75.234	1.00	59.86	8322
ATON	1380	C	LED	79	181.349	127.000	-75.945	1.00	61.73	8323
ATON	1381	C	LED	79	181.370	127.404	-76.131	1.00	61.73	8324
ATON	1382	P	LED	79	181.340	127.772	-76.298	1.00	60.37	8325
ATON	1383	CG	PRO	80	181.744	128.477	-76.151	1.00	17.81	8326
ATON	1384	CG	PRO	80	181.717	128.725	-76.146	1.00	15.37	8327
ATON	1385	CG	PRO	80	181.712	129.237	-75.754	1.00	17.81	8328
ATON	1386	CG	PRO	80	181.675	129.558	-75.156	1.00	17.81	8329
ATON	1387	C	PRO	80	181.615	129.817	-75.156	1.00	17.81	8330
ATON	1388	C	PRO	80	181.607	129.817	-75.156	1.00	17.81	8331
ATON	1389	P	LED	81	181.729	130.465	-75.036	1.00	63.40	8332
ATON	1390	CA	LED	81	181.804	130.495	-76.760	1.00	63.40	8333
ATON	1391	CG	LED	81	181.804	130.577	-76.757	1.00	17.86	8334
ATON	1392	CG	LED	81	181.871	131.019	-75.546	1.00	17.86	8335
ATON	1393	CG	LED	81	181.801	131.066	-75.953	1.00	17.86	8336
ATON	1394	CG	LED	81	181.870	131.170	-76.019	1.00	17.86	8337
ATON	1395	CG	LED	81	181.804	131.274	-75.703	1.00	17.86	8338
ATON	1396	CG	LED	81	181.804	131.445	-75.680	1.00	17.86	8339
ATON	1397	C	LED	81	181.807	131.587	-75.063	1.00	17.86	8340
ATON	1398	P	LED	81	181.865	132.585	-69.794	1.00	45.60	8341
ATON	1399	C	LED	81	181.833	132.591	-69.334	1.00	45.60	8342
ATON	1400	P	LED	81	181.800	132.596	-70.132	1.00	75.91	8343
ATON	1401	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8344
ATON	1402	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8345
ATON	1403	CG	LED	81	181.871	132.596	-70.132	1.00	75.91	8346
ATON	1404	CG	LED	81	181.871	132.596	-70.132	1.00	75.91	8347
ATON	1405	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8348
ATON	1406	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8349
ATON	1407	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8350
ATON	1408	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8351
ATON	1409	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8352
ATON	1410	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8353
ATON	1411	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8354
ATON	1412	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8355
ATON	1413	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8356
ATON	1414	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8357
ATON	1415	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8358
ATON	1416	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8359
ATON	1417	C	LED	81	181.871	132.596	-70.132	1.00	75.91	8360

ATON	1418	CG	VAL	8	251.929	131.471	30.209	1.00	46.87	8361
ATON	1419	CG	VAL	8	251.974	131.492	30.760	1.00	46.87	8362
ATON	1420	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8363
ATON	1421	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8364
ATON	1422	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8365
ATON	1423	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8366
ATON	1424	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8367
ATON	1425	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8368
ATON	1426	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8369
ATON	1427	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8370
ATON	1428	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8371
ATON	1429	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8372
ATON	1430	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8373
ATON	1431	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8374
ATON	1432	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8375
ATON	1433	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8376
ATON	1434	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8377
ATON	1435	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8378
ATON	1436	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8379
ATON	1437	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8380
ATON	1438	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8381
ATON	1439	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8382
ATON	1440	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8383
ATON	1441	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8384
ATON	1442	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8385
ATON	1443	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8386
ATON	1444	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8387
ATON	1445	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8388
ATON	1446	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8389
ATON	1447	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8390
ATON	1448	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8391
ATON	1449	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8392
ATON	1450	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8393
ATON	1451	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8394
ATON	1452	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8395
ATON	1453	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8396
ATON	1454	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8397
ATON	1455	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8398
ATON	1456	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8399
ATON	1457	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8400
ATON	1458	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8401
ATON	1459	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8402
ATON	1460	C	VAL	8	251.974	131.492	30.760	1.00	46.87	8403

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660	ATON	1285	C	AM	161,409	161
661	ATON	1286	C	AM	161,412	161
662	ATON	1287	C	AM	161,415	161
663	ATON	1288	C	AM	161,418	161
664	ATON	1289	C	AM	161,421	161
665	ATON	1290	C	AM	161,424	161
666	ATON	1291	C	AM	161,427	161
667	ATON	1292	C	AM	161,430	161
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670	ATON	1295	C	AM	161,439	161
671	ATON	1296	C	AM	161,442	161
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674	ATON	1299	C	AM	161,451	161
675	ATON	1300	C	AM	161,454	161
676	ATON	1301	C	AM	161,457	161
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678	ATON	1303	C	AM	161,463	161
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691	ATON	1316	C	AM	161,502	161
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701	ATON	1326	C	AM	161,532	161
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714	ATON	1339	C	AM	161,571	161
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722	ATON	1347	C	AM	161,595	161
723	ATON	1348	C	AM	161,598	161
724	ATON	1349	C	AM	161,601	161
725	ATON	1350	C	AM	161,604	161
726	ATON	1351	C	AM	161,607	161
727	ATON	1352	C	AM	161,610	161
728	ATON	1353	C	AM	161,613	161
729	ATON	1354	C	AM	161,616	161
730	ATON	1355	C	AM	161,619	161
731	ATON	1356	C	AM	161,622	161
732	ATON	1357	C	AM	161,625	161
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734	ATON	1359	C	AM	161,631	161
735	ATON	1360	C	AM	161,634	161
736	ATON	1361	C	AM	161,637	161
737	ATON	1362	C	AM	161,640	161
738	ATON	1363	C	AM	161,643	161
739	ATON	1364	C	AM	161,646	161
740	ATON	1365	C	AM	161,649	161
741	ATON	1366	C	AM	161,652	161
742	ATON	1367	C	AM	161,655	161
743	ATON	1368	C	AM	161,658	161
744	ATON	1369	C	AM	161,661	161
745	ATON	1370	C	AM	161,664	161
746	ATON	1371	C	AM	161,667	161
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748	ATON	1373	C	AM	161,673	161
749	ATON	1374	C	AM	161,676	161
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767	ATON	1392	C	AM	161,730	161
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772	ATON	1397	C	AM	161,745	161
773	ATON	1398	C	AM	161,748	161
774	ATON	1399	C	AM	161,751	161
775	ATON	1400	C	AM	161,754	161
776	ATON	1401	C	AM	161,757	161
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781	ATON	1406	C	AM	161,772	161
782	ATON	1407	C	AM	161,775	161
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790	ATON	1415	C	AM	161,799	161
791	ATON	1416	C	AM	161,802	161
792	ATON	1417	C	AM	161,805	161
793	ATON	1418	C	AM	161,808	161
794	ATON	1419	C	AM	161,811	161
795	ATON	1420	C	AM	161,814	161
796	ATON	1421	C	AM	161,817	161
797	ATON	1422	C	AM	161,820	161
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972	10.672	1.0021	978
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ATON	5419	O	THB	54	131.300	160.197	-16.657	1.00	60.84	537
ATON	5420	O	THB	55	130.940	161.163	-16.613	1.00	75.74	538
ATON	5421	CA	THB	55	130.942	162.608	-16.955	1.00	95.74	539
ATON	5422	CB	THB	55	130.915	163.688	-17.134	1.00	92.82	540
ATON	5423	CC	THB	55	130.774	164.779	-17.422	1.00	82.82	541
ATON	5424	CD	THB	55	130.674	165.819	-17.623	1.00	82.82	542
ATON	5425	CE	THB	55	130.567	166.899	-17.840	1.00	82.82	543
ATON	5426	CF	THB	55	130.463	167.977	-18.074	1.00	82.82	544
ATON	5427	CG	THB	55	130.371	169.066	-18.258	1.00	82.82	545
ATON	5428	CH	THB	55	130.281	170.154	-18.451	1.00	82.82	546
ATON	5429	CI	THB	55	130.190	171.242	-18.652	1.00	82.82	547
ATON	5430	CJ	THB	55	130.100	172.330	-18.852	1.00	82.82	548
ATON	5431	CK	THB	55	130.010	173.418	-19.052	1.00	82.82	549
ATON	5432	CL	THB	55	129.920	174.506	-19.252	1.00	82.82	550
ATON	5433	CM	THB	55	129.830	175.594	-19.452	1.00	82.82	551
ATON	5434	CN	THB	55	129.740	176.682	-19.652	1.00	82.82	552
ATON	5435	CO	THB	55	129.650	177.770	-19.852	1.00	82.82	553
ATON	5436	CP	THB	55	129.560	178.858	-20.052	1.00	82.82	554
ATON	5437	CQ	THB	55	129.470	179.946	-20.252	1.00	82.82	555
ATON	5438	CR	THB	55	129.380	181.034	-20.452	1.00	82.82	556
ATON	5439	CS	THB	55	129.290	182.122	-20.652	1.00	82.82	557
ATON	5440	CT	THB	55	129.200	183.210	-20.852	1.00	82.82	558
ATON	5441	CU	THB	55	129.110	184.298	-21.052	1.00	82.82	559
ATON	5442	CV	THB	55	129.020	185.386	-21.252	1.00	82.82	560
ATON	5443	CW	THB	55	128.930	186.474	-21.452	1.00	82.82	561
ATON	5444	CX	THB	55	128.840	187.562	-21.652	1.00	82.82	562
ATON	5445	CY	THB	55	128.750	188.650	-21.852	1.00	82.82	563
ATON	5446	CZ	THB	55	128.660	189.738	-22.052	1.00	82.82	564
ATON	5447	CA	THB	55	128.570	190.826	-22.252	1.00	82.82	565
ATON	5448	CB	THB	55	128.480	191.914	-22.452	1.00	82.82	566
ATON	5449	CC	THB	55	128.390	193.002	-22.652	1.00	82.82	567
ATON	5450	CD	THB	55	128.300	194.090	-22.852	1.00	82.82	568
ATON	5451	CE	THB	55	128.210	195.178	-23.052	1.00	82.82	569
ATON	5452	CF	THB	55	128.120	196.266	-23.252	1.00	82.82	570
ATON	5453	CG	THB	55	128.030	197.354	-23.452	1.00	82.82	571
ATON	5454	CH	THB	55	127.940	198.442	-23.652	1.00	82.82	572
ATON	5455	CI	THB	55	127.850	199.530	-23.852	1.00	82.82	573
ATON	5456	CJ	THB	55	127.760	200.618	-24.052	1.00	82.82	574
ATON	5457	CK	THB	55	127.670	201.706	-24.252	1.00	82.82	575
ATON	5458	CL	THB	55	127.580	202.794	-24.452	1.00	82.82	576
ATON	5459	CM	THB	55	127.490	203.882	-24.652	1.00	82.82	577
ATON	5460	CN	THB	55	127.400	204.970	-24.852	1.00	82.82	578
ATON	5461	CO	THB	55	127.310	206.058	-25.052	1.00	82.82	579
ATON	5462	CP	THB	55	127.220	207.146	-25.252	1.00	82.82	580
ATON	5463	CQ	THB	55	127.130	208.234	-25.452	1.00	82.82	581
ATON	5464	CR	THB	55	127.040	209.322	-25.652	1.00	82.82	582
ATON	5465	CS	THB	55	126.950	210.410	-25.852	1.00	82.82	583
ATON	5466	CT	THB	55	126.860	211.498	-26.052	1.00	82.82	584
ATON	5467	CU	THB	55	126.770	212.586	-26.252	1.00	82.82	585
ATON	5468	CV	THB	55	126.680	213.674	-26.452	1.00	82.82	586
ATON	5469	CW	THB	55	126.590	214.762	-26.652	1.00	82.82	587
ATON	5470	CX	THB	55	126.500	215.850	-26.852	1.00	82.82	588
ATON	5471	CY	THB	55	126.410	216.938	-27.052	1.00	82.82	589
ATON	5472	CZ	THB	55	126.320	218.026	-27.252	1.00	82.82	590
ATON	5473	CA	THB	55	126.230	219.114	-27.452	1.00	82.82	591
ATON	5474	CB	THB	55	126.140	220.202	-27.652	1.00	82.82	592
ATON	5475	CC	THB	55	126.050	221.290	-27.852	1.00	82.82	593
ATON	5476	CD	THB	55	125.960	222.378	-28.052	1.00	82.82	594
ATON	5477	CE	THB	55	125.870	223.466	-28.252	1.00	82.82	595
ATON	5478	CF	THB	55	125.780	224.554	-28.452	1.00	82.82	596
ATON	5479	CG	THB	55	125.690	225.642	-28.652	1.00	82.82	597
ATON	5480	CH	THB	55	125.600	226.730	-28.852	1.00	82.82	598
ATON	5481	CI	THB	55	125.510	227.818	-29.052	1.00	82.82	599
ATON	5482	CJ	THB	55	125.420	228.906	-29.252	1.00	82.82	600
ATON	5483	CK	THB	55	125.330	230.000	-29.452	1.00	82.82	601
ATON	5484	CL	THB	55	125.240	231.094	-29.652	1.00	82.82	602
ATON	5485	CM	THB	55	125.150	232.188	-29.852	1.00	82.82	603
ATON	5486	CN	THB	55	125.060	233.282	-30.052	1.00	82.82	604
ATON	5487	CO	THB	55	124.970	234.376	-30.252	1.00	82.82	605
ATON	5488	CP	THB	55	124.880	235.470	-30.452	1.00	82.82	606
ATON	5489	CQ	THB	55	124.790	236.564	-30.652	1.00	82.82	607
ATON	5490	CR	THB	55	124.700	237.658	-30.852	1.00	82.82	608
ATON	5491	CS	THB	55	124.610	238.752	-31.052	1.00	82.82	609
ATON	5492	CT	THB	55	124.520	239.846	-31.252	1.00	82.82	610
ATON	5493	CU	THB	55	124.430	240.940	-31.452	1.00	82.82	611
ATON	5494	CV	THB	55	124.340	242.034	-31.652	1.00	82.82	612
ATON	5495	CW	THB	55	124.250	243.128	-31.852	1.00	82.82	613
ATON	5496	CX	THB	55	124.160	244.222	-32.052	1.00	82.82	614
ATON	5497	CY	THB	55	124.070	245.316	-32.252	1.00	82.82	615
ATON	5498	CZ	THB	55	123.980	246.410	-32.452	1.00	82.82	616
ATON	5499	CA	THB	55	123.890	247.504	-32.652	1.00	82.82	617
ATON	5500	CB	THB	55	123.800	248.598	-32.852	1.00	82.82	618
ATON	5501	CC	THB	55	123.710	249.692	-33.052	1.00	82.82	619
ATON	5502	CD	THB	55	123.620	250.786	-33.252	1.00	82.82	620
ATON	5503	CE	THB	55	123.530	251.880	-33.452	1.00	82.82	621
ATON	5504	CF	THB	55	123.440	252.974	-33.652	1.00	82.82	622
ATON	5505	CG	THB	55	123.350	254.068	-33.852	1.00	82.82	623
ATON	5506	CH	THB	55	123.260	255.162	-34.052	1.00	82.82	624
ATON	5507	CI	THB	55	123.170	256.256	-34.252	1.00	82.82	625
ATON	5508	CJ	THB	55	123.080	257.350	-34.452	1.00	82.82	626
ATON	5509	CK	THB	55	122.990	258.444	-34.652	1.00	82.82	627
ATON	5510	CL	THB	55	122.900	259.538	-34.852	1.00	82.82	628
ATON	5511	CM	THB	55	122.810	260.632	-35.052	1.00	82.82	629
ATON	5512	CN	THB	55	122.720	261.726	-35.252	1.00	82.82	630
ATON	5513	CO	THB	55	122.630	262.820	-35.452	1.00	82.82	631
ATON	5514	CP	THB	55	122.540	263.914	-35.652	1.00	82.82	632
ATON	5515	CQ	THB	55	122.450	265.008	-35.852	1.00	82.82	633
ATON	5516	CR	THB	55	122.360	266.102	-36.052	1.00	82.82	634
ATON	5517	CS	THB	55	122.270	267.196	-36.252	1.00	82.82	635
ATON	5518	CT	THB	55	122.180	268.290	-36.452	1.00	82.82	636
ATON	5519	CU	THB	55	122.090	269.384	-36.652	1.00	82.82	637
ATON	5520	CV	THB	55	122.000	270.478	-36.852	1.00	82.82	638
ATON	5521	CW	THB	55	121.910	271.572	-37.052	1.00	82.82	639
ATON	5522	CX	THB	55	121.820	272.666	-37.252	1.00	82.82	640
ATON	5523	CY	THB	55	121.730	273.760	-37.452	1.00	82.82	641
ATON	5524	CZ	THB	55	121.640	274.854	-37.652	1.00	82.82	642
ATON	5525	CA	THB	55	121.550	275.948	-37.852	1.00	82.82	643
ATON	5526	CB	THB	55	121.460	277.042	-38.052	1.00	82.82	644
ATON	5527	CC	THB	55	121.370	278.136	-38.252	1.00	82.82	645
ATON	5528	CD	THB	55	121.280	279.230	-38.452	1.00	82.82	646
ATON	5529	CE	THB	55	121.190	280.324	-38.652	1.00	82.82	647
ATON	5530	CF	THB	55	121.100	281.418	-38.852	1.00	82.82	648
ATON	5531	CG	THB	55	121.010	282.512	-39.052	1.00	82.82	649
ATON	5532	CH	THB	55	120.920	283.606	-39.252	1.00	82.82	650
ATON	5533	CI	THB	55	120.830	284.700	-39.452	1.00	82.82	651
ATON	5534	CJ	THB	55	120.740	285.794	-39.652	1.00	82.82	652
ATON	5535	CK	THB	55	120.650	286.888	-39.852	1.00	82.82	

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ATON	7704	CA	PHS	116	143.011	122.957	9.512	1.00	35.47	821
ATON	7705	CA	PHS	116	144.147	122.248	10.804	1.00	45.51	821
ATON	7706	CA	PHS	116	144.544	122.993	11.851	1.00	45.51	821
ATON	7707	CA	PHS	116	142.080	122.090	10.793	1.00	45.51	821
ATON	7708	CA	PHS	116	144.441	121.247	8.181	1.00	45.51	821
ATON	7709	O	PHS	116	144.575	120.949	9.940	1.00	35.47	821
ATON	7710	B	ADP	117	142.002	121.177	9.021	1.00	40.71	821
ATON	7711	CA	ADP	117	142.228	119.859	7.542	1.00	45.71	821
ATON	7712	CA	ADP	117	141.741	119.824	7.899	1.00	101.40	821
ATON	7713	CA	ADP	117	141.484	119.527	7.361	1.00	101.40	821
ATON	7714	CA	ADP	117	141.488	118.284	7.949	1.00	101.40	821
ATON	7715	CA	ADP	117	141.781	118.519	10.121	1.00	101.40	821
ATON	7716	C	ADP	117	142.394	119.742	8.040	1.00	40.71	821
ATON	7717	O	ADP	117	142.676	119.411	9.294	1.00	40.71	821
ATON	7718	O	ADP	117	142.676	119.411	9.294	1.00	40.71	821
ATON	7719	O	ADP	117	142.676	119.411	9.294	1.00	40.71	821
ATON	7720	B	LAU	118	140.344	118.849	7.542	1.00	40.71	821
ATON	7721	CA	LAU	118	144.603	118.125	4.285	1.00	40.71	821
ATON	7722	CA	LAU	118	145.784	118.644	3.643	1.00	40.71	821
ATON	7723	CA	LAU	118	146.002	119.257	2.181	1.00	40.71	821
ATON	7724	CA	LAU	118	145.278	121.000	3.516	1.00	40.71	821
ATON	7725	CA	LAU	118	146.133	121.034	2.528	1.00	40.71	821
ATON	7726	CA	LAU	118	145.034	117.209	3.871	1.00	40.71	821
ATON	7727	O	LAU	118	145.613	116.589	4.702	1.00	40.71	821
ATON	7728	B	LAU	118	144.737	116.611	2.638	1.00	35.46	821
ATON	7729	CA	LAU	119	143.324	115.631	2.074	1.00	35.46	821
ATON	7730	CA	LAU	119	143.953	114.910	1.442	1.00	35.46	821
ATON	7731	CA	LAU	119	142.823	114.475	2.383	1.00	35.46	821
ATON	7732	CA	LAU	119	141.864	113.440	1.137	1.00	35.46	821
ATON	7733	CA	LAU	119	141.353	113.479	0.936	1.00	35.46	821
ATON	7734	C	ADP	119	146.289	113.067	0.893	1.00	35.46	821
ATON	7735	O	ADP	119	145.954	112.644	0.819	1.00	35.46	821
ATON	7736	O	ADP	119	147.394	115.112	1.187	1.00	40.46	821
ATON	7737	CA	PHS	120	148.510	115.774	0.295	1.00	40.46	821
ATON	7738	CA	PHS	120	148.647	116.449	1.084	1.00	40.46	821
ATON	7739	CA	PHS	120	149.499	117.047	0.295	1.00	40.46	821
ATON	7740	CA	PHS	120	151.021	114.077	0.373	1.00	40.46	821
ATON	7741	C	PHS	120	149.044	114.519	-0.259	1.00	40.46	821
ATON	7742	C	PHS	120	148.710	114.402	0.295	1.00	40.46	821
ATON	7743	B	PHS	121	149.920	114.714	-0.191	1.00	34.54	821
ATON	7744	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7745	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7746	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7747	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7748	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7749	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7750	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7751	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7754	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7758	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7760	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7761	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7762	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7763	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7765	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7767	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7773	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7774	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7775	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7776	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7777	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7778	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7800	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7801	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
ATON	7802	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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ATON	7810	CA	LTS	121	149.349	115.001	-0.023	1.00	34.54	821
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5	ATPCN	0277	C	AMP	33	333.382	151.067	-10.763	1.00	64.50	100
	ATPCN	0770	C	AMP	33	334.280	154.064	-11.189	1.00	64.50	100
10	ATPCN	0771	C	AMP	33	333.099	151.099	-10.763	1.00	64.50	100
	ATPCN	0770	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
15	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
20	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
25	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
30	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
35	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
40	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
45	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100
50	ATPCN	0770	C	AMP	33	334.333	154.119	-10.763	1.00	64.50	100
	ATPCN	0771	C	AMP	33	333.841	151.119	-10.421	1.00	64.50	100

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ATOC	8361	B	CLP	72	270.000	134.338	-6.421	1.00	62.76	199
ATOC	8364	CA	CLP	72	240.723	133.400	-6.116	1.00	61.74	199
ATOC	8365	CH	CLP	72	241.522	133.638	-5.538	1.00	60.42	199
ATOC	8366	CH	CLP	72	241.444	134.758	-4.123	1.00	60.42	199
ATOC	8367	CH	CLP	72	242.729	134.760	-3.467	1.00	61.44	199
ATOC	8368	CH	CLP	72	243.873	134.760	-2.824	1.00	60.42	199
ATOC	8369	CH	CLP	72	243.572	134.810	-2.182	1.00	60.42	199
ATOC	8370	C	CLP	72	240.289	134.686	-1.503	1.00	62.76	199
ATOC	8371	O	CLP	72	240.000	137.684	-1.000	1.00	62.76	199
ATOC	8372	B	CLP	72	240.660	135.030	-0.450	1.00	61.77	199
ATOC	8373	CA	CLP	72	241.624	134.696	-0.940	1.00	61.77	199
ATOC	8374	CA	CLP	72	241.365	135.063	-11.032	1.00	60.42	199
ATOC	8375	CH	CLP	72	241.253	134.183	-12.199	1.00	60.42	199
ATOC	8376	CH	CLP	72	242.743	134.511	-10.622	1.00	60.42	199
ATOC	8377	CH	CLP	72	243.107	133.084	-11.063	1.00	60.42	199
ATOC	8378	O	CLP	72	239.702	137.111	-10.120	1.00	61.77	199
ATOC	8379	O	CLP	72	239.651	138.293	-10.721	1.00	61.77	199
ATOC	8380	B	CLP	72	239.628	136.373	-10.170	1.00	60.42	199
ATOC	8381	CA	CLP	72	237.394	136.839	-10.523	1.00	70.61	199
ATOC	8382	CH	CLP	72	236.794	135.063	-10.432	1.00	60.42	199
ATOC	8383	CH	CLP	72	236.740	134.609	-11.460	1.00	60.42	199
ATOC	8384	CH	CLP	72	236.755	135.063	-11.731	1.00	60.42	199
ATOC	8385	CH	CLP	72	236.784	133.009	-11.773	1.00	60.42	199
ATOC	8386	C	CLP	72	236.623	136.012	-9.074	1.00	70.61	199
ATOC	8387	O	CLP	72	236.551	134.000	-10.155	1.00	70.61	199
ATOC	8388	B	CLP	72	237.050	137.044	-9.368	1.00	60.42	199
ATOC	8389	CA	CLP	72	236.640	139.040	-11.201	1.00	62.67	199
ATOC	8390	CH	CLP	72	236.790	136.725	-9.666	1.00	60.42	199
ATOC	8391	C	CLP	72	237.380	130.780	-7.952	1.00	60.42	199
ATOC	8392	O	CLP	72	236.510	141.257	-9.130	1.00	60.42	199
ATOC	8393	B	CLP	72	236.110	140.110	-8.190	1.00	61.90	199
ATOC	8394	CA	CLP	72	235.571	141.194	-9.151	1.00	61.90	199
ATOC	8395	CH	CLP	72	236.076	140.676	-9.096	1.00	61.90	199
ATOC	8396	CH	CLP	72	241.087	141.081	-9.000	1.00	61.90	199
ATOC	8397	CH	CLP	72	241.650	140.130	-9.430	1.00	61.90	199
ATOC	8398	CH	CLP	72	242.041	139.627	-7.403	1.00	61.90	199
ATOC	8399	C	CLP	72	236.064	141.479	-9.120	1.00	61.90	199
ATOC	8400	O	CLP	72	235.674	142.004	-9.553	1.00	61.90	199
ATOC	8401	B	CLP	72	236.234	141.009	-10.632	1.00	62.14	199
ATOC	8402	CA	CLP	72	237.708	141.655	-11.011	1.00	62.14	199
ATOC	8403	CH	CLP	72	237.127	140.366	-12.723	1.00	60.42	199
ATOC	8404	CH	CLP	72	238.111	139.013	-13.568	1.00	60.42	199
ATOC	8405	CH	CLP	72	237.503	136.328	-14.121	1.00	60.42	199
ATOC	8406	CH	CLP	72	236.539	142.571	-11.500	1.00	60.42	199
ATOC	8407	B	CLP	72	236.129	142.637	-11.407	1.00	62.14	199
ATOC	8408	B	CLP	72	235.717	142.009	-10.949	1.00	62.14	199
ATOC	8409	CA	CLP	72	234.543	142.009	-10.949	1.00	62.14	199
ATOC	8410	CH	CLP	72	232.779	142.131	-9.834	1.00	60.42	199
ATOC	8411	CH	CLP	72	232.260	142.007	-9.289	1.00	61.90	199
ATOC	8412	CH	CLP	72	231.802	141.009	-9.100	1.00	61.90	199
ATOC	8413	CH	CLP	72	231.403	142.579	-9.003	1.00	60.42	199
ATOC	8414	CH	CLP	72	231.027	144.189	-9.134	1.00	60.42	199
ATOC	8415	O	CLP	72	230.578	143.000	-9.042	1.00	60.42	199
ATOC	8416	O	CLP	72	230.186	144.133	-9.641	1.00	71.94	199
ATOC	8417	CA	CLP	72	230.529	143.335	-9.063	1.00	71.94	199
ATOC	8418	CA	CLP	72	230.571	146.207	-9.187	1.00	71.94	199
ATOC	8419	O	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8420	B	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8421	O	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8422	B	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8423	CA	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8424	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8425	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8426	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8427	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8428	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8429	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8430	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8431	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8432	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8433	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8434	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8435	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8436	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8437	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8438	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8439	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8440	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8441	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8442	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8443	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8444	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8445	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8446	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8447	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8448	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8449	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8450	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8451	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8452	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8453	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8454	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8455	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8456	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8457	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8458	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8459	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8460	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8461	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8462	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8463	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8464	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8465	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8466	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8467	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8468	CH	CLP	72	230.186	147.000	-9.204	1.00	71.94	199
ATOC	8469	CH	CLP	72	230.186	147.000	-9.204	1.0.		

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ATON	7070	C	AMC	02	179.812	125.061	-96.143	1.00109.00	701	ATON	7030	O	LEU	00	164.433	125.106	-72.305	1.00125.27	704
ATON	7071	C	AMC	02	180.000	127.777	-91.160	1.00121.49	702	ATON	7031	O	LEU	00	164.949	125.117	-71.187	1.00106.83	705
ATON	7072	C	AMC	02	179.800	127.627	-92.092	1.00121.49	703	ATON	7032	C	AMC	02	138.000	124.042	-61.771	1.00100.16	706
ATON	7073	C	AMC	02	179.127	127.021	-90.336	1.00121.49	704	ATON	7033	O	LEU	00	138.433	124.046	-61.344	1.00100.16	707
ATON	7074	C	AMC	02	179.832	125.968	-94.823	1.00121.49	705	ATON	7034	O	LEU	00	127.222	123.121	-60.829	1.00100.16	708
ATON	7075	C	AMC	02	180.156	125.620	-95.187	1.00121.49	706	ATON	7035	C	AMC	02	146.873	125.149	-70.768	1.00102.16	709
ATON	7076	C	AMC	02	180.465	126.130	-96.124	1.00121.49	707	ATON	7036	C	AMC	02	141.721	125.136	-70.105	1.00102.16	710
ATON	7077	C	AMC	02	181.184	126.465	-95.875	1.00121.49	708	ATON	7037	O	LEU	00	142.870	125.129	-71.009	1.00102.16	711
ATON	7078	C	AMC	02	182.461	126.726	-96.113	1.00109.00	709	ATON	7038	C	AMC	02	140.001	125.487	-71.274	1.00102.16	712
ATON	7079	C	AMC	02	182.807	127.174	-97.164	1.00109.00	710	ATON	7039	C	AMC	02	139.280	125.293	-71.114	1.00103.20	713
ATON	7080	C	AMC	02	183.120	126.817	-97.141	1.00103.20	711	ATON	7040	C	AMC	02	139.620	125.170	-71.218	1.00103.20	714
ATON	7081	C	AMC	02	184.465	126.204	-98.182	1.00103.20	712	ATON	7041	C	AMC	02	139.115	125.184	-71.662	1.00103.20	715
ATON	7082	C	AMC	02	185.464	125.325	-91.161	1.00104.00	713	ATON	7042	C	AMC	02	139.717	126.217	-70.956	1.00103.20	716
ATON	7083	C	AMC	02	185.916	126.092	-91.066	1.00104.00	714	ATON	7043	C	AMC	02	141.828	126.740	-71.232	1.00103.20	717
ATON	7084	C	AMC	02	184.987	125.520	-96.410	1.00104.00	715	ATON	7044	C	AMC	02	139.210	125.293	-71.114	1.00103.20	718
ATON	7085	C	AMC	02	184.922	125.851	-96.612	1.00103.20	716	ATON	7045	C	AMC	02	139.280	125.293	-71.114	1.00103.20	719
ATON	7086	C	AMC	02	185.854	126.285	-99.974	1.00103.20	717	ATON	7046	C	AMC	02	139.660	126.643	-76.970	1.00103.20	720
ATON	7087	C	AMC	02	184.912	126.664	-91.147	1.00103.20	718	ATON	7047	C	AMC	02	139.560	125.477	-76.612	1.00103.20	721
ATON	7088	C	AMC	02	184.940	126.090	-91.162	1.00103.20	719	ATON	7048	C	AMC	02	140.781	126.223	-75.106	1.00103.20	722
ATON	7089	C	AMC	02	184.214	126.547	-92.931	1.00104.03	720	ATON	7049	C	AMC	02	141.865	125.257	-72.973	1.00103.20	723
ATON	7090	C	AMC	02	184.963	126.787	-94.916	1.00104.03	721	ATON	7050	C	AMC	02	139.903	125.004	-74.524	1.00104.03	724
ATON	7091	C	AMC	02	184.900	126.037	-94.089	1.00104.03	722	ATON	7051	C	AMC	02	137.870	123.041	-74.215	1.00104.03	725
ATON	7092	C	AMC	02	185.854	126.285	-99.974	1.00103.20	723	ATON	7052	C	AMC	02	137.870	123.041	-74.215	1.00104.03	726
ATON	7093	C	AMC	02	184.912	126.664	-91.147	1.00103.20	724	ATON	7053	C	AMC	02	137.870	123.041	-74.215	1.00104.03	727
ATON	7094	C	AMC	02	184.940	126.090	-91.162	1.00103.20	725	ATON	7054	C	AMC	02	137.870	123.041	-74.215	1.00104.03	728
ATON	7095	C	AMC	02	184.214	126.547	-92.931	1.00104.03	726	ATON	7055	C	AMC	02	137.870	123.041	-74.215	1.00104.03	729
ATON	7096	C	AMC	02	184.963	126.787	-94.916	1.00104.03	727	ATON	7056	C	AMC	02	137.870	123.041	-74.215	1.00104.03	730
ATON	7097	C	AMC	02	184.900	126.037	-94.089	1.00104.03	728	ATON	7057	C	AMC	02	137.870	123.041	-74.215	1.00104.03	731
ATON	7098	C	AMC	02	185.854	126.285	-99.974	1.00103.20	729	ATON	7058	C	AMC	02	137.870	123.041	-74.215	1.00104.03	732
ATON	7099	C	AMC	02	184.912	126.664	-91.147	1.00103.20	730	ATON	7059	C	AMC	02	137.870	123.041	-74.215	1.00104.03	733
ATON	7100	C	AMC	02	184.940	126.090	-91.162	1.00103.20	731	ATON	7060	C	AMC	02	137.870	123.041	-74.215	1.00104.03	734
ATON	7101	C	AMC	02	184.214	126.547	-92.931	1.00104.03	732	ATON	7061	C	AMC	02	137.870	123.041	-74.215	1.00104.03	735
ATON	7102	C	AMC	02	184.963	126.787	-94.916	1.00104.03	733	ATON	7062	C	AMC	02	137.870	123.041	-74.215	1.00104.03	736
ATON	7103	C	AMC	02	184.900	126.037	-94.089	1.00104.03	734	ATON	7063	C	AMC	02	137.870	123.041	-74.215	1.00104.03	737
ATON	7104	C	AMC	02	185.854	126.285	-99.974	1.00103.20	735	ATON	7064	C	AMC	02	137.870	123.041	-74.215	1.00104.03	738
ATON	7105	C	AMC	02	184.912	126.664	-91.147	1.00103.20	736	ATON	7065	C	AMC	02	137.870	123.041	-74.215	1.00104.03	739
ATON	7106	C	AMC	02	184.940	126.090	-91.162	1.00103.20	737	ATON	7066	C	AMC	02	137.870	123.041	-74.215	1.00104.03	740
ATON	7107	C	AMC	02	184.214	126.547	-92.931	1.00104.03	738	ATON	7067	C	AMC	02	137.870	123.041	-74.215	1.00104.03	741
ATON	7108	C	AMC	02	184.963	126.787	-94.916	1.00104.03	739	ATON	7068	C	AMC	02	137.870	123.041	-74.215	1.00104.03	742
ATON	7109	C	AMC	02	184.900	126.037	-94.089	1.00104.03	740	ATON	7069	C	AMC	02	137.870	123.041	-74.215	1.00104.03	743
ATON	7110	C	AMC	02	185.854	126.285	-99.974	1.00103.20	741	ATON	7070	C	AMC	02	137.870	123.041	-74.215	1.00104.03	744
ATON	7111	C	AMC	02	184.912	126.664	-91.147	1.00103.20	742	ATON	7071	C	AMC	02	137.870	123.041	-74.215	1.00104.03	745
ATON	7112	C	AMC	02	184.940	126.090	-91.162	1.00103.20	743	ATON	7072	C	AMC	02	137.870	123.041	-74.215	1.00104.03	746
ATON	7113	C	AMC	02	184.214	126.547	-92.931	1.00104.03	744	ATON	7073	C	AMC	02	137.870	123.041	-74.215	1.00104.03	747
ATON	7114	C	AMC	02	184.963	126.787	-94.916	1.00104.03	745	ATON	7074	C	AMC	02	137.870	123.041	-74.215	1.00104.03	748
ATON	7115	C	AMC	02	184.900	126.037	-94.089	1.00104.03	746	ATON	7075	C	AMC	02	137.870	123.041	-74.215	1.00104.03	749
ATON	7116	C	AMC	02	185.854	126.285	-99.974	1.00103.20	747	ATON	7076	C	AMC	02	137.870	123.041	-74.215	1.00104.03	750
ATON	7117	C	AMC	02	184.912	126.664	-91.147	1.00103.20	748	ATON	7077	C	AMC	02	137.870	123.041	-74.215	1.00104.03	751
ATON	7118	C	AMC	02	184.940	126.090	-91.162	1.00103.20	749	ATON	7078	C	AMC	02	137.870	123.041	-74.215	1.00104.03	752
ATON	7119	C	AMC	02	184.214	126.547	-92.931	1.00104.03	750	ATON	7079	C	AMC	02	137.870	123.041	-74.215	1.00104.03	753
ATON	7120	C	AMC	02	184.963	126.787	-94.916	1.00104.03	751	ATON	7080	C	AMC	02	137.870	123.041	-74.215	1.00104.03	754
ATON	7121	C	AMC	02	184.900	126.037	-94.089	1.00104.03	752	ATON	7081	C	AMC	02	137.870	123.041	-74.215	1.00104.03	755
ATON	7122	C	AMC	02	185.854	126.285	-99.974	1.00103.20	753	ATON	7082	C	AMC	02	137.870	123.041	-74.215	1.00104.03	756
ATON	7123	C	AMC	02	184.912	126.664	-91.147	1.00103.20	754	ATON	7083	C	AMC	02	137.870	123.041	-74.215	1.00104.03	757
ATON	7124	C	AMC	02	184.940	126.090	-91.162	1.00103.20	755	ATON	7084	C	AMC	02	137.870	123.041	-74.215	1.00104.03	758
ATON	7125	C	AMC	02	184.214	126.547	-92.931	1.00104.03	756	ATON	7085	C	AMC	02	137.870	123.041	-74.215	1.00104.03	759
ATON	7126	C	AMC	02	184.963	126.787	-94.916	1.00104.03	757	ATON	7086	C	AMC	02	137.870	123.041	-74.215	1.00104.03	760
ATON	7127	C	AMC	02	184.900	126.037	-94.089	1.00104.03	758	ATON	7087	C	AMC	02	137.870	123.041	-74.215</		

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830	ATOP	18115	B	LEU	34	179.080	126.412	-26.474	1.00	34.81
831	ATOP	18136	CA	LEU	34	180.731	127.311	-21.920	1.00	35.81
832	ATOP	18157	CB	LEU	34	180.646	128.493	-17.490	1.00	36.81
833	ATOP	18138	CC	LEU	34	181.324	127.587	-29.766	1.00	34.64
834	ATOP	18139	CD	LEU	34	181.997	128.474	-30.767	1.00	34.64
835	ATOP	18160	CE	LEU	34	182.053	128.432	-30.766	1.00	34.64
836	ATOP	18141	C	LEU	34	182.180	128.935	-35.435	1.00	34.82
837	ATOP	18142	C	LEU	34	182.545	128.950	-34.730	1.00	34.81
838	ATOP	18143	B	ANC	37	177.950	128.320	-35.963	1.00	34.81
839	ATOP	18144	CA	ANC	37	178.794	128.411	-35.963	1.00	34.81
840	ATOP	18145	CB	ANC	37	175.479	128.110	-35.413	1.00	34.81
841	ATOP	18146	CC	ANC	37	182.951	128.151	-36.841	1.00	34.81
842	ATOP	18147	CD	ANC	37	182.162	128.661	-37.011	1.00	34.81
843	ATOP	18148	CE	ANC	37	182.107	128.120	-37.103	1.00	34.81
844	ATOP	18149	C	ANC	37	182.839	128.556	-36.966	1.00	34.81
845	ATOP	18160	MB1	ANC	37	182.152	128.556	-36.966	1.00	34.81
846	ATOP	18131	MB2	ANC	37	182.147	128.646	-37.940	1.00	34.81
847	ATOP	18152	C	ANC	37	177.953	128.673	-37.945	1.00	34.81
848	ATOP	18153	C	ANC	37	178.005	128.673	-37.945	1.00	34.81
849	ATOP	18154	C	ANC	37	178.057	128.673	-37.945	1.00	34.81
850	ATOP	18155	CA	LEU	38	181.814	127.311	-21.920	1.00	34.81
851	ATOP	18156	CB	LEU	38	182.123	125.964	-21.920	1.00	34.81
852	ATOP	18157	CC	LEU	38	182.434	125.964	-21.920	1.00	34.81
853	ATOP	18158	CD	LEU	38	182.745	125.964	-21.920	1.00	34.81
854	ATOP	18159	CE	LEU	38	183.056	125.964	-21.920	1.00	34.81
855	ATOP	18160	C	LEU	38	183.367	125.964	-21.920	1.00	34.81
856	ATOP	18161	C	LEU	38	183.678	125.964	-21.920	1.00	34.81
857	ATOP	18162	B	LEU	38	183.989	125.964	-21.920	1.00	34.81
858	ATOP	18163	CA	LEU	38	184.300	125.964	-21.920	1.00	34.81
859	ATOP	18164	CB	LEU	38	184.611	125.964	-21.920	1.00	34.81
860	ATOP	18165	CC	LEU	38	184.922	125.964	-21.920	1.00	34.81
861	ATOP	18166	CD	LEU	38	185.233	125.964	-21.920	1.00	34.81
862	ATOP	18167	CE	LEU	38	185.544	125.964	-21.920	1.00	34.81
863	ATOP	18168	C	LEU	38	185.855	125.964	-21.920	1.00	34.81
864	ATOP	18169	C	LEU	38	186.166	125.964	-21.920	1.00	34.81
865	ATOP	18170	B	LEU	38	186.477	125.964	-21.920	1.00	34.81
866	ATOP	18171	CA	LEU	38	186.788	125.964	-21.920	1.00	34.81
867	ATOP	18172	CB	LEU	38	187.099	125.964	-21.920	1.00	34.81
868	ATOP	18173	CC	LEU	38	187.410	125.964	-21.920	1.00	34.81
869	ATOP	18174	CD	LEU	38	187.721	125.964	-21.920	1.00	34.81
870	ATOP	18175	CE	LEU	38	188.032	125.964	-21.920	1.00	34.81
871	ATOP	18176	C	LEU	38	188.343	125.964	-21.920	1.00	34.81
872	ATOP	18177	C	LEU	38	188.654	125.964	-21.920	1.00	34.81
873	ATOP	18178	B	LEU	38	188.965	125.964	-21.920	1.00	34.81
874	ATOP	18179	CA	LEU	38	189.276	125.964	-21.920	1.00	34.81
875	ATOP	18180	CB	LEU	38	189.587	125.964	-21.920	1.00	34.81
876	ATOP	18181	CC	LEU	38	189.898	125.964	-21.920	1.00	34.81
877	ATOP	18182	CD	LEU	38	190.209	125.964	-21.920	1.00	34.81
878	ATOP	18183	CE	LEU	38	190.520	125.964	-21.920	1.00	34.81
879	ATOP	18184	C	LEU	38	190.831	125.964	-21.920	1.00	34.81
880	ATOP	18185	C	LEU	38	191.142	125.964	-21.920	1.00	34.81
881	ATOP	18186	B	LEU	38	191.453	125.964	-21.920	1.00	34.81
882	ATOP	18187	CA	LEU	38	191.764	125.964	-21.920	1.00	34.81
883	ATOP	18188	CB	LEU	38	192.075	125.964	-21.920	1.00	34.81
884	ATOP	18189	CC	LEU	38	192.386	125.964	-21.920	1.00	34.81
885	ATOP	18190	CD	LEU	38	192.697	125.964	-21.920	1.00	34.81
886	ATOP	18191	CE	LEU	38	193.008	125.964	-21.920	1.00	34.81
887	ATOP	18192	C	LEU	38	193.319	125.964	-21.920	1.00	34.81
888	ATOP	18193	C	LEU	38	193.630	125.964	-21.920	1.00	34.81
889	ATOP	18194	B	LEU	38	193.941	125.964	-21.920	1.00	34.81
890	ATOP	18195	CA	LEU	38	194.252	125.964	-21.920	1.00	34.81
891	ATOP	18196	CB	LEU	38	194.563	125.964	-21.920	1.00	34.81
892	ATOP	18197	CC	LEU	38	194.874	125.964	-21.920	1.00	34.81
893	ATOP	18198	CD	LEU	38	195.185	125.964	-21.920	1.00	34.81
894	ATOP	18199	CE	LEU	38	195.496	125.964	-21.920	1.00	34.81
895	ATOP	18200	C	LEU	38	195.807	125.964	-21.920	1.00	34.81
896	ATOP	18201	C	LEU	38	196.118	125.964	-21.920	1.00	34.81
897	ATOP	18202	B	LEU	38	196.429	125.964	-21.920	1.00	34.81
898	ATOP	18203	CA	LEU	38	196.740	125.964	-21.920	1.00	34.81
899	ATOP	18204	CB	LEU	38	197.051	125.964	-21.920	1.00	34.81
900	ATOP	18205	CC	LEU	38	197.362	125.964	-21.920	1.00	34.81
901	ATOP	18206	CD	LEU	38	197.673	125.964	-21.920	1.00	34.81
902	ATOP	18207	CE	LEU	38	197.984	125.964	-21.920	1.00	34.81
903	ATOP	18208	C	LEU	38	198.295	125.964	-21.920	1.00	34.81
904	ATOP	18209	C	LEU	38	198.606	125.964	-21.920	1.00	34.81
905	ATOP	18210	B	LEU	38	198.917	125.964	-21.920	1.00	34.81
906	ATOP	18211	CA	LEU	38	199.228	125.964	-21.920	1.00	34.81
907	ATOP	18212	CB	LEU	38	199.539	125.964	-21.920	1.00	34.81
908	ATOP	18213	CC	LEU	38	199.850	125.964	-21.920	1.00	34.81
909	ATOP	18214	CD	LEU	38	200.161	125.964	-21.920	1.00	34.81
910	ATOP	18215	CE	LEU	38	200.472	125.964	-21.920	1.00	34.81
911	ATOP	18216	C	LEU	38	200.783	125.964	-21.920	1.00	34.81
912	ATOP	18217	C	LEU	38	201.094	125.964	-21.920	1.00	34.81
913	ATOP	18218	B	LEU	38	201.405	125.964	-21.920	1.00	34.81
914	ATOP	18219	CA	LEU	38	201.716	125.964	-21.920	1.00	34.81
915	ATOP	18220	CB	LEU	38	202.027	125.964	-21.920	1.00	34.81
916	ATOP	18221	CC	LEU	38	202.338	125.964	-21.920	1.00	34.81
917	ATOP	18222	CD	LEU	38	202.649	125.964	-21.920	1.00	34.81
918	ATOP	18223	CE	LEU	38	202.960	125.964	-21.920	1.00	34.81
919	ATOP	18224	C	LEU	38	203.271	125.964	-21.920	1.00	34.81
920	ATOP	18225	C	LEU	38	203.582	125.964	-21.920	1.00	34.81
921	ATOP	18226	B	LEU	38	203.893	125.964	-21.920	1.00	34.81
922	ATOP	18227	CA	LEU	38	204.204	125.964	-21.920	1.00	34.81
923	ATOP	18228	CB	LEU	38	204.515	125.964	-21.920	1.00	34.81
924	ATOP	18229	CC	LEU	38	204.826	125.964	-21.920	1.00	34.81
925	ATOP	18230	CD	LEU	38	205.137	125.964	-21.920	1.00	34.81
926	ATOP	18231	CE	LEU	38	205.448	125.964	-21.920	1.00	34.81
927	ATOP	18232	C	LEU	38	205.759	125.964	-21.920	1.00	34.81
928	ATOP	18233	C	LEU	38	206.070	125.964	-21.920	1.00	34.81
929	ATOP	18234	B	LEU	38	206.381	125.964	-21.920	1.00	34.81
930	ATOP	18235	CA	LEU	38	206.692	125.964	-21.920	1.00	34.81
931	ATOP	18236	CB	LEU	38	207.003	125.964	-21.920	1.00	34.81
932	ATOP	18237	CC	LEU	38	207.314	125.964	-21.920	1.00	34.81
933	ATOP	18238	CD	LEU	38	207.625	125.964	-21.920	1.00	34.81
934	ATOP	18239	CE	LEU	38	207.936	125.964	-21.920	1.00	34.81
935	ATOP	18240	C	LEU	38	208.247	125.964	-21.920	1.00	34.81
936	ATOP	18241	C	LEU	38	208.558	125.964	-21.920	1.00	34.81
937	ATOP	18242	B	LEU	38	208.869	125.964	-21.920	1.00	34.81
938	ATOP	18243	CA	LEU	38	209.180	125.964	-21.920	1.00	34.81
939	ATOP	18244	CB	LEU	38	209.491	125.964	-21.920	1.00	34.81
940	ATOP	18245	CC	LEU	38	209.802	125.964	-21.920	1.00	34.81
941	ATOP	18246	CD	LEU	38	210.113	125.964	-21.920	1.00	34.81
942	ATOP	18247	CE	LEU	38	210.424	125.964	-21.920	1.00	34.81
943	ATOP	18248	C	LEU	38	210.735	125.964	-21.920	1.00	34.81
944	ATOP	18249	C	LEU	38	211.046	125.964	-21.920	1.00	34.81
945	ATOP	18250	B	LEU	38	211.357	125.964	-21.920	1.00	34.81
946	ATOP	18251	CA	LEU	38	211.668	125.964	-21.920	1.00	34.81
947	ATOP	18252	CB	LEU	38	211.979	125.964	-21.920	1.00	34.81
948	ATOP	18253	CC	LEU	38	212.290	125.964	-21.920	1.00	34.81
949	ATOP	18254	CD	LEU	38	212.601	125.964	-21.920	1.00	34.81
950	ATOP	18255	CE	LEU	38	212.912	125.964	-21.		

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ATON	18944	CG	IL6	96	136.413	133.075	-19.361	1.00	36.24	854
ATON	18945	CG	IL6	96	137.244	135.388	-18.850	1.00	36.24	855
ATON	18946	CG	IL6	96	138.075	136.131	-18.947	1.00	36.24	856
ATON	18947	C	IL6	96	138.906	136.882	-19.000	1.00	36.24	857
ATON	18948	O	IL6	96	139.737	137.922	-19.100	1.00	36.24	858
ATON	18949	P	IL6	96	140.568	138.867	-19.100	1.00	36.24	859
ATON	18950	P	IL6	96	141.399	139.700	-19.100	1.00	36.24	860
ATON	18951	P	IL6	96	142.230	140.501	-19.100	1.00	36.24	861
ATON	18952	P	IL6	96	143.061	141.332	-19.100	1.00	36.24	862
ATON	18953	P	IL6	96	143.892	142.103	-19.100	1.00	36.24	863
ATON	18954	P	IL6	96	144.723	142.874	-19.100	1.00	36.24	864
ATON	18955	P	IL6	96	145.554	143.645	-19.100	1.00	36.24	865
ATON	18956	P	IL6	96	146.385	144.416	-19.100	1.00	36.24	866
ATON	18957	P	IL6	96	147.216	145.187	-19.100	1.00	36.24	867
ATON	18958	P	IL6	96	148.047	145.958	-19.100	1.00	36.24	868
ATON	18959	P	IL6	96	148.878	146.729	-19.100	1.00	36.24	869
ATON	18960	P	IL6	96	149.709	147.500	-19.100	1.00	36.24	870
ATON	18961	P	IL6	96	150.540	148.271	-19.100	1.00	36.24	871
ATON	18962	P	IL6	96	151.371	149.042	-19.100	1.00	36.24	872
ATON	18963	P	IL6	96	152.202	149.813	-19.100	1.00	36.24	873
ATON	18964	P	IL6	96	153.033	150.584	-19.100	1.00	36.24	874
ATON	18965	P	IL6	96	153.864	151.355	-19.100	1.00	36.24	875
ATON	18966	P	IL6	96	154.695	152.126	-19.100	1.00	36.24	876
ATON	18967	P	IL6	96	155.526	152.897	-19.100	1.00	36.24	877
ATON	18968	P	IL6	96	156.357	153.668	-19.100	1.00	36.24	878
ATON	18969	P	IL6	96	157.188	154.439	-19.100	1.00	36.24	879
ATON	18970	P	IL6	96	158.019	155.210	-19.100	1.00	36.24	880
ATON	18971	P	IL6	96	158.850	155.981	-19.100	1.00	36.24	881
ATON	18972	P	IL6	96	159.681	156.752	-19.100	1.00	36.24	882
ATON	18973	P	IL6	96	160.512	157.523	-19.100	1.00	36.24	883
ATON	18974	P	IL6	96	161.343	158.294	-19.100	1.00	36.24	884
ATON	18975	P	IL6	96	162.174	159.065	-19.100	1.00	36.24	885
ATON	18976	P	IL6	96	163.005	159.836	-19.100	1.00	36.24	886
ATON	18977	P	IL6	96	163.836	160.607	-19.100	1.00	36.24	887
ATON	18978	P	IL6	96	164.667	161.378	-19.100	1.00	36.24	888
ATON	18979	P	IL6	96	165.498	162.149	-19.100	1.00	36.24	889
ATON	18980	P	IL6	96	166.329	162.920	-19.100	1.00	36.24	890
ATON	18981	P	IL6	96	167.160	163.691	-19.100	1.00	36.24	891
ATON	18982	P	IL6	96	167.991	164.462	-19.100	1.00	36.24	892
ATON	18983	P	IL6	96	168.822	165.233	-19.100	1.00	36.24	893
ATON	18984	P	IL6	96	169.653	166.004	-19.100	1.00	36.24	894
ATON	18985	P	IL6	96	170.484	166.775	-19.100	1.00	36.24	895
ATON	18986	P	IL6	96	171.315	167.546	-19.100	1.00	36.24	896
ATON	18987	P	IL6	96	172.146	168.317	-19.100	1.00	36.24	897
ATON	18988	P	IL6	96	172.977	169.088	-19.100	1.00	36.24	898
ATON	18989	P	IL6	96	173.808	169.859	-19.100	1.00	36.24	899
ATON	18990	P	IL6	96	174.639	170.630	-19.100	1.00	36.24	900
ATON	18991	P	IL6	96	175.470	171.401	-19.100	1.00	36.24	901
ATON	18992	P	IL6	96	176.301	172.172	-19.100	1.00	36.24	902
ATON	18993	P	IL6	96	177.132	172.943	-19.100	1.00	36.24	903
ATON	18994	P	IL6	96	177.963	173.714	-19.100	1.00	36.24	904
ATON	18995	P	IL6	96	178.794	174.485	-19.100	1.00	36.24	905
ATON	18996	P	IL6	96	179.625	175.256	-19.100	1.00	36.24	906
ATON	18997	P	IL6	96	180.456	176.027	-19.100	1.00	36.24	907
ATON	18998	P	IL6	96	181.287	176.798	-19.100	1.00	36.24	908
ATON	18999	P	IL6	96	182.118	177.569	-19.100	1.00	36.24	909
ATON	19000	P	IL6	96	182.949	178.340	-19.100	1.00	36.24	910
ATON	19001	P	IL6	96	183.780	179.111	-19.100	1.00	36.24	911
ATON	19002	P	IL6	96	184.611	179.882	-19.100	1.00	36.24	912
ATON	19003	P	IL6	96	185.442	180.653	-19.100	1.00	36.24	913
ATON	19004	P	IL6	96	186.273	181.424	-19.100	1.00	36.24	914
ATON	19005	P	IL6	96	187.104	182.195	-19.100	1.00	36.24	915
ATON	19006	P	IL6	96	187.935	182.966	-19.100	1.00	36.24	916
ATON	19007	P	IL6	96	188.766	183.737	-19.100	1.00	36.24	917
ATON	19008	P	IL6	96	189.597	184.508	-19.100	1.00	36.24	918
ATON	19009	P	IL6	96	190.428	185.279	-19.100	1.00	36.24	919
ATON	19010	P	IL6	96	191.259	186.050	-19.100	1.00	36.24	920
ATON	19011	P	IL6	96	192.090	186.821	-19.100	1.00	36.24	921
ATON	19012	P	IL6	96	192.921	187.592	-19.100	1.00	36.24	922
ATON	19013	P	IL6	96	193.752	188.363	-19.100	1.00	36.24	923
ATON	19014	P	IL6	96	194.583	189.134	-19.100	1.00	36.24	924
ATON	19015	P	IL6	96	195.414	189.905	-19.100	1.00	36.24	925
ATON	19016	P	IL6	96	196.245	190.676	-19.100	1.00	36.24	926
ATON	19017	P	IL6	96	197.076	191.447	-19.100	1.00	36.24	927
ATON	19018	P	IL6	96	197.907	192.218	-19.100	1.00	36.24	928
ATON	19019	P	IL6	96	198.738	192.989	-19.100	1.00	36.24	929
ATON	19020	P	IL6	96	199.569	193.760	-19.100	1.00	36.24	930
ATON	19021	P	IL6	96	200.400	194.531	-19.100	1.00	36.24	931
ATON	19022	P	IL6	96	201.231	195.302	-19.100	1.00	36.24	932
ATON	19023	P	IL6	96	202.062	196.073	-19.100	1.00	36.24	933
ATON	19024	P	IL6	96	202.893	196.844	-19.100	1.00	36.24	934
ATON	19025	P	IL6	96	203.724	197.615	-19.100	1.00	36.24	935
ATON	19026	P	IL6	96	204.555	198.386	-19.100	1.00	36.24	936
ATON	19027	P	IL6	96	205.386	199.157	-19.100	1.00	36.24	937
ATON	19028	P	IL6	96	206.217	199.928	-19.100	1.00	36.24	938
ATON	19029	P	IL6	96	207.048	200.699	-19.100	1.00	36.24	939
ATON	19030	P	IL6	96	207.879	201.470	-19.100	1.00	36.24	940
ATON	19031	P	IL6	96	208.710	202.241	-19.100	1.00	36.24	941
ATON	19032	P	IL6	96	209.541	203.012	-19.100	1.00	36.24	942
ATON	19033	P	IL6	96	210.372	203.783	-19.100	1.00	36.24	943
ATON	19034	P	IL6	96	211.203	204.554	-19.100	1.00	36.24	944
ATON	19035	P	IL6	96	212.034	205.325	-19.100	1.00	36.24	945
ATON	19036	P	IL6	96	212.865	206.096	-19.100	1.00	36.24	946
ATON	19037	P	IL6	96	213.696	206.867	-19.100	1.00	36.24	947
ATON	19038	P	IL6	96	214.527	207.638	-19.100	1.00	36.24	948
ATON	19039	P	IL6	96	215.358	208.409	-19.100	1.00	36.24	949
ATON	19040	P	IL6	96	216.189	209.180	-19.100	1.00	36.24	950
ATON	19041	P	IL6	96	217.020	210.951	-19.100	1.00	36.24	951
ATON	19042	P	IL6	96	217.851	211.722	-19.100	1.00	36.24	952
ATON	19043	P	IL6	96	218.682	212.493	-19.100	1.00	36.24	953
ATON	19044	P	IL6	96	219.513	213.264	-19.100	1.00	36.24	954
ATON	19045	P	IL6	96	220.344	214.035	-19.100	1.00	36.24	955
ATON	19046	P	IL6	96	221.175	214.806	-19.100	1.00	36.24	956
ATON	19047	P	IL6	96	222.006	215.577	-19.100	1.00	36.24	957
ATON	19048	P	IL6	96	222.837	216.348	-19.100	1.00	36.24	958
ATON	19049	P	IL6	96	223.668	217.119	-19.100	1.00	36.24	959
ATON	19050	P	IL6	96	224.499	217.890	-19.100	1.00	36.24	960
ATON	19051	P	IL6	96	225.330	218.661	-19.100	1.00	36.24	961
ATON	19052	P	IL6	96	226.161	219.432	-19.100	1.00	36.24	962
ATON	19053	P	IL6	96	226.992	220.203	-19.100	1.00	36.24	963
ATON	19054	P	IL6	96	227.823	220.974	-19.100	1.00	36.24	964
ATON	19055	P	IL6	96	228.654	221.745	-19.100	1.00	36.24	965
ATON	19056	P	IL6	96	229.485	222.516	-19.100	1.00	36.24	966
ATON	19057	P	IL6	96	230.316	223.287	-19.100	1.00	36.24	967
ATON	19058	P	IL6	96	231.147	224.058	-19.100	1.00	36.24	968

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ATON	100150	HE	CLD	171	131.431	133.925	-10.493	1.00	81.31	800	230.087	135.444	13.495	1.30	70.57	2010
ATON	100151	HE	CLD	172	131.393	133.878	-10.551	1.01	81.11	800	232.074	134.483	13.500	1.30	70.57	2010
ATON	100152	HE	CLD	173	131.355	133.830	-10.609	1.00	81.10	800	233.061	135.016	13.504	1.30	70.57	2010
ATON	100153	HE	CLD	174	131.317	133.782	-10.667	1.00	81.10	800	234.048	135.549	13.508	1.30	70.57	2010
ATON	100154	HE	CLD	175	131.279	133.734	-10.725	1.00	81.10	800	235.035	136.082	13.512	1.30	70.57	2010
ATON	100155	HE	CLD	176	131.241	133.686	-10.783	1.00	81.10	800	236.022	136.615	13.516	1.30	70.57	2010
ATON	100156	HE	CLD	177	131.203	133.638	-10.841	1.00	81.10	800	237.009	137.148	13.520	1.30	70.57	2010
ATON	100157	HE	CLD	178	131.165	133.590	-10.899	1.00	81.10	800	238.000	137.681	13.524	1.30	70.57	2010
ATON	100158	HE	CLD	179	131.127	133.542	-10.957	1.00	81.10	800	239.000	138.214	13.528	1.30	70.57	2010
ATON	100159	HE	CLD	180	131.089	133.494	-11.015	1.00	81.10	800	240.000	138.747	13.532	1.30	70.57	2010
ATON	100160	HE	CLD	181	131.051	133.446	-11.073	1.00	81.10	800	241.000	139.280	13.536	1.30	70.57	2010
ATON	100161	HE	CLD	182	131.013	133.398	-11.131	1.00	81.10	800	242.000	139.813	13.540	1.30	70.57	2010
ATON	100162	HE	CLD	183	130.975	133.350	-11.189	1.00	81.10	800	243.000	140.346	13.544	1.30	70.57	2010
ATON	100163	HE	CLD	184	130.937	133.302	-11.247	1.00	81.10	800	244.000	140.879	13.548	1.30	70.57	2010
ATON	100164	HE	CLD	185	130.899	133.254	-11.305	1.00	81.10	800	245.000	141.412	13.552	1.30	70.57	2010
ATON	100165	HE	CLD	186	130.861	133.206	-11.363	1.00	81.10	800	246.000	141.945	13.556	1.30	70.57	2010
ATON	100166	HE	CLD	187	130.823	133.158	-11.421	1.00	81.10	800	247.000	142.478	13.560	1.30	70.57	2010
ATON	100167	HE	CLD	188	130.785	133.110	-11.479	1.00	81.10	800	248.000	143.011	13.564	1.30	70.57	2010
ATON	100168	HE	CLD	189	130.747	133.062	-11.537	1.00	81.10	800	249.000	143.544	13.568	1.30	70.57	2010
ATON	100169	HE	CLD	190	130.709	133.014	-11.595	1.00	81.10	800	250.000	144.077	13.572	1.30	70.57	2010
ATON	100170	HE	CLD	191	130.671	132.966	-11.653	1.00	81.10	800	251.000	144.610	13.576	1.30	70.57	2010
ATON	100171	HE	CLD	192	130.633	132.918	-11.711	1.00	81.10	800	252.000	145.143	13.580	1.30	70.57	2010
ATON	100172	HE	CLD	193	130.595	132.870	-11.769	1.00	81.10	800	253.000	145.676	13.584	1.30	70.57	2010
ATON	100173	HE	CLD	194	130.557	132.822	-11.827	1.00	81.10	800	254.000	146.209	13.588	1.30	70.57	2010
ATON	100174	HE	CLD	195	130.519	132.774	-11.885	1.00	81.10	800	255.000	146.742	13.592	1.30	70.57	2010
ATON	100175	HE	CLD	196	130.481	132.726	-11.943	1.00	81.10	800	256.000	147.275	13.596	1.30	70.57	2010
ATON	100176	HE	CLD	197	130.443	132.678	-12.001	1.00	81.10	800	257.000	147.808	13.600	1.30	70.57	2010
ATON	100177	HE	CLD	198	130.405	132.630	-12.059	1.00	81.10	800	258.000	148.341	13.604	1.30	70.57	2010
ATON	100178	HE	CLD	199	130.367	132.582	-12.117	1.00	81.10	800	259.000	148.874	13.608	1.30	70.57	2010
ATON	100179	HE	CLD	200	130.329	132.534	-12.175	1.00	81.10	800	260.000	149.407	13.612	1.30	70.57	2010
ATON	100180	HE	CLD	201	130.291	132.486	-12.233	1.00	81.10	800	261.000	149.940	13.616	1.30	70.57	2010
ATON	100181	HE	CLD	202	130.253	132.438	-12.291	1.00	81.10	800	262.000	150.473	13.620	1.30	70.57	2010
ATON	100182	HE	CLD	203	130.215	132.390	-12.349	1.00	81.10	800	263.000	151.006	13.624	1.30	70.57	2010
ATON	100183	HE	CLD	204	130.177	132.342	-12.407	1.00	81.10	800	264.000	151.539	13.628	1.30	70.57	2010
ATON	100184	HE	CLD	205	130.139	132.294	-12.465	1.00	81.10	800	265.000	152.072	13.632	1.30	70.57	2010
ATON	100185	HE	CLD	206	130.101	132.246	-12.523	1.00	81.10	800	266.000	152.605	13.636	1.30	70.57	2010
ATON	100186	HE	CLD	207	130.063	132.198	-12.581	1.00	81.10	800	267.000	153.138	13.640	1.30	70.57	2010
ATON	100187	HE	CLD	208	130.025	132.150	-12.639	1.00	81.10	800	268.000	153.671	13.644	1.30	70.57	2010
ATON	100188	HE	CLD	209	129.987	132.102	-12.697	1.00	81.10	800	269.000	154.204	13.648	1.30	70.57	2010
ATON	100189	HE	CLD	210	129.949	132.054	-12.755	1.00	81.10	800	270.000	154.737	13.652	1.30	70.57	2010
ATON	100190	HE	CLD	211	129.911	132.006	-12.813	1.00	81.10	800	271.000	155.270	13.656	1.30	70.57	2010
ATON	100191	HE	CLD	212	129.873	131.958	-12.871	1.00	81.10	800	272.000	155.803	13.660	1.30	70.57	2010
ATON	100192	HE	CLD	213	129.835	131.910	-12.929	1.00	81.10	800	273.000	156.336	13.664	1.30	70.57	2010
ATON	100193	HE	CLD	214	129.797	131.862	-12.987	1.00	81.10	800	274.000	156.869	13.668	1.30	70.57	2010
ATON	100194	HE	CLD	215	129.759	131.814	-13.045	1.00	81.10	800	275.000	157.402	13.672	1.30	70.57	2010
ATON	100195	HE	CLD	216	129.721	131.766	-13.103	1.00	81.10	800	276.000	157.935	13.676	1.30	70.57	2010
ATON	100196	HE	CLD	217	129.683	131.718	-13.161	1.00	81.10	800	277.000	158.468	13.680	1.30	70.57	2010
ATON	100197	HE	CLD	218	129.645	131.670	-13.219	1.00	81.10	800	278.000	158.999	13.684	1.30	70.57	2010
ATON	100198	HE	CLD	219	129.607	131.622	-13.277	1.00	81.10	800	279.000	159.530	13.688	1.30	70.57	2010
ATON	100199	HE	CLD	220	129.569	131.574	-13.335	1.00	81.10	800	280.000	160.061	13.692	1.30	70.57	2010
ATON	100200	HE	CLD	221	129.531	131.526	-13.393	1.00	81.10	800	281.000	160.592	13.696	1.30	70.57	2010
ATON	100201	HE	CLD	222	129.493	131.478	-13.451	1.00	81.10	800	282.000	161.123	13.700	1.30	70.57	2010
ATON	100202	HE	CLD	223	129.455	131.430	-13.509	1.00	81.10	800	283.000	161.654	13.704	1.30	70.57	2010
ATON	100203	HE	CLD	224	129.417	131.382	-13.567	1.00	81.10	800	284.000	162.185	13.708	1.30	70.57	2010
ATON	100204	HE	CLD	225	129.379	131.334	-13.625	1.00	81.10	800	285.000	162.716	13.712	1.30	70.57	2010
ATON	100205	HE	CLD	226	129.341	131.286	-13.683	1.00	81.10	800	286.000	163.247	13.716	1.30	70.57	2010
ATON	100206	HE	CLD	227	129.303	131.238	-13.741	1.00	81.10	800	287.000	163.778	13.720	1.30	70.57	2010
ATON	100207	HE	CLD	228	129.265	131.190	-13.799	1.00	81.10	800	288.000	164.309	13.724	1.30	70.57	2010
ATON	100208	HE	CLD	229	129.227	131.142	-13.857	1.00	81.10	800	289.000	164.840	13.728	1.30	70.57	2010
ATON	100209	HE	CLD	230	129.189	131.094	-13.915	1.00	81.10	800	290.000	165.371	13.732	1.30	70.57	2010
ATON	100210	HE	CLD	231	129.151	131.046	-13.973	1.00	81.10	800	291.000	165.902	13.736	1.30	70.57	2010
ATON	100211	HE	CLD	232	129.113	130.998	-14.031	1.00	81.10	800	292.000	166.433	13.740	1.30	70.57	2010
ATON	100212	HE	CLD	233	129.075	130.950	-14.089	1.00	81.10	800	293.000	166.964	13.744	1.30	70.57	2010
ATON	100213	HE	CLD	234	129.037	130.902	-14.147	1.00	81.10	800	294.000	167.495	13.748	1.30	70.57	2010
ATON	100214	HE	CLD	235	128.999	130.854	-14.205	1.00	81.10	800	295.000	168.026	13.752	1.30	70.57	2010
ATON	100215	HE	CLD	236	128.961	1										

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ATON	11134	DE	LTP	63	217,322	124,567	2,701	2,001,648.94	J010	ATON	11178	W	AAA	81	221,494	187,356	29,130	1,000,744.04	J010
ATON	11137	C	AAA	63	220,000	126,361	1,131	1,000,311.37	J010	ATON	11180	W	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11138	O	LTP	63	211,111	127,904	1,501	1,000,511.57	J010	ATON	11181	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11139	B	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11182	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11140	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11183	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11141	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11184	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11142	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11185	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11143	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11186	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11144	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11187	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11145	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11188	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11146	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11189	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11147	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11190	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11148	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11191	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11149	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11192	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11150	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11193	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11151	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11194	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11152	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11195	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11153	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11196	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11154	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11197	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11155	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11198	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11156	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11199	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11157	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11200	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11158	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11201	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11159	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11202	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11160	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11203	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11161	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11204	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11162	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11205	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11163	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11206	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11164	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11207	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11165	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11208	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11166	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11209	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11167	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11210	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11168	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11211	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11169	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11212	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11170	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11213	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11171	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11214	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11172	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11215	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11173	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11216	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11174	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11217	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11175	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11218	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11176	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11219	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11177	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11220	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11178	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11221	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11179	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11222	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11180	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11223	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11181	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11224	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11182	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11225	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11183	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11226	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11184	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11227	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11185	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11228	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11186	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11229	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11187	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11230	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11188	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11231	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11189	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11232	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11190	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11233	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11191	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11234	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11192	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11235	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11193	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11236	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11194	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11237	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11195	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11238	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11196	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11239	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11197	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11240	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11198	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11241	C	AAA	81	221,999	187,466	29,530	1,000,744.04	J010
ATON	11199	C	AAA	63	218,111	127,904	1,501	1,000,511.57	J010	ATON	11242	C	AAA	81	221				

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ATON	11706	HEI	ARC	50	166.645	122.117	11.907	1.00179.60	004	ATON	11851	C	ARC	64	149.366	104.993	10.841	1.00	35.42	004
ATON	11707	HEI	ARC	50	167.254	121.993	11.211	1.00179.60	004	ATON	11852	C	ARC	64	149.287	104.971	11.002	1.00	35.42	004
ATON	11708	HEI	ARC	50	168.264	121.970	11.519	1.00179.60	004	ATON	11853	C	ARC	64	149.214	104.951	11.004	1.00	35.42	004
ATON	11709	HEI	ARC	50	169.274	121.947	11.827	1.00179.60	004	ATON	11854	C	ARC	64	149.141	104.931	11.006	1.00	35.42	004
ATON	11710	HEI	ARC	50	170.284	121.924	12.135	1.00179.60	004	ATON	11855	C	ARC	64	149.068	104.911	11.008	1.00	35.42	004
ATON	11711	HEI	ARC	50	171.294	121.901	12.443	1.00179.60	004	ATON	11856	C	ARC	64	148.995	104.891	11.010	1.00	35.42	004
ATON	11712	HEI	ARC	50	172.304	121.878	12.751	1.00179.60	004	ATON	11857	C	ARC	64	148.922	104.871	11.012	1.00	35.42	004
ATON	11713	HEI	ARC	50	173.314	121.855	13.059	1.00179.60	004	ATON	11858	C	ARC	64	148.849	104.851	11.014	1.00	35.42	004
ATON	11714	HEI	ARC	50	174.324	121.832	13.367	1.00179.60	004	ATON	11859	C	ARC	64	148.776	104.831	11.016	1.00	35.42	004
ATON	11715	HEI	ARC	50	175.334	121.809	13.675	1.00179.60	004	ATON	11860	C	ARC	64	148.703	104.811	11.018	1.00	35.42	004
ATON	11716	HEI	ARC	50	176.344	121.786	13.983	1.00179.60	004	ATON	11861	C	ARC	64	148.630	104.791	11.020	1.00	35.42	004
ATON	11717	HEI	ARC	50	177.354	121.763	14.291	1.00179.60	004	ATON	11862	C	ARC	64	148.557	104.771	11.022	1.00	35.42	004
ATON	11718	HEI	ARC	50	178.364	121.740	14.599	1.00179.60	004	ATON	11863	C	ARC	64	148.484	104.751	11.024	1.00	35.42	004
ATON	11719	HEI	ARC	50	179.374	121.717	14.907	1.00179.60	004	ATON	11864	C	ARC	64	148.411	104.731	11.026	1.00	35.42	004
ATON	11720	HEI	ARC	50	180.384	121.694	15.215	1.00179.60	004	ATON	11865	C	ARC	64	148.338	104.711	11.028	1.00	35.42	004
ATON	11721	HEI	ARC	50	181.394	121.671	15.523	1.00179.60	004	ATON	11866	C	ARC	64	148.265	104.691	11.030	1.00	35.42	004
ATON	11722	HEI	ARC	50	182.404	121.648	15.831	1.00179.60	004	ATON	11867	C	ARC	64	148.192	104.671	11.032	1.00	35.42	004
ATON	11723	HEI	ARC	50	183.414	121.625	16.139	1.00179.60	004	ATON	11868	C	ARC	64	148.119	104.651	11.034	1.00	35.42	004
ATON	11724	HEI	ARC	50	184.424	121.602	16.447	1.00179.60	004	ATON	11869	C	ARC	64	148.046	104.631	11.036	1.00	35.42	004
ATON	11725	HEI	ARC	50	185.434	121.579	16.755	1.00179.60	004	ATON	11870	C	ARC	64	147.973	104.611	11.038	1.00	35.42	004
ATON	11726	HEI	ARC	50	186.444	121.556	17.063	1.00179.60	004	ATON	11871	C	ARC	64	147.900	104.591	11.040	1.00	35.42	004
ATON	11727	HEI	ARC	50	187.454	121.533	17.371	1.00179.60	004	ATON	11872	C	ARC	64	147.827	104.571	11.042	1.00	35.42	004
ATON	11728	HEI	ARC	50	188.464	121.510	17.679	1.00179.60	004	ATON	11873	C	ARC	64	147.754	104.551	11.044	1.00	35.42	004
ATON	11729	HEI	ARC	50	189.474	121.487	17.987	1.00179.60	004	ATON	11874	C	ARC	64	147.681	104.531	11.046	1.00	35.42	004
ATON	11730	HEI	ARC	50	190.484	121.464	18.295	1.00179.60	004	ATON	11875	C	ARC	64	147.608	104.511	11.048	1.00	35.42	004
ATON	11731	HEI	ARC	50	191.494	121.441	18.603	1.00179.60	004	ATON	11876	C	ARC	64	147.535	104.491	11.050	1.00	35.42	004
ATON	11732	HEI	ARC	50	192.504	121.418	18.911	1.00179.60	004	ATON	11877	C	ARC	64	147.462	104.471	11.052	1.00	35.42	004
ATON	11733	HEI	ARC	50	193.514	121.395	19.219	1.00179.60	004	ATON	11878	C	ARC	64	147.389	104.451	11.054	1.00	35.42	004
ATON	11734	HEI	ARC	50	194.524	121.372	19.527	1.00179.60	004	ATON	11879	C	ARC	64	147.316	104.431	11.056	1.00	35.42	004
ATON	11735	HEI	ARC	50	195.534	121.349	19.835	1.00179.60	004	ATON	11880	C	ARC	64	147.243	104.411	11.058	1.00	35.42	004
ATON	11736	HEI	ARC	50	196.544	121.326	20.143	1.00179.60	004	ATON	11881	C	ARC	64	147.170	104.391	11.060	1.00	35.42	004
ATON	11737	HEI	ARC	50	197.554	121.303	20.451	1.00179.60	004	ATON	11882	C	ARC	64	147.097	104.371	11.062	1.00	35.42	004
ATON	11738	HEI	ARC	50	198.564	121.280	20.759	1.00179.60	004	ATON	11883	C	ARC	64	147.024	104.351	11.064	1.00	35.42	004
ATON	11739	HEI	ARC	50	199.574	121.257	21.067	1.00179.60	004	ATON	11884	C	ARC	64	146.951	104.331	11.066	1.00	35.42	004
ATON	11740	HEI	ARC	50	200.584	121.234	21.375	1.00179.60	004	ATON	11885	C	ARC	64	146.878	104.311	11.068	1.00	35.42	004
ATON	11741	HEI	ARC	50	201.594	121.211	21.683	1.00179.60	004	ATON	11886	C	ARC	64	146.805	104.291	11.070	1.00	35.42	004
ATON	11742	HEI	ARC	50	202.604	121.188	21.991	1.00179.60	004	ATON	11887	C	ARC	64	146.732	104.271	11.072	1.00	35.42	004
ATON	11743	HEI	ARC	50	203.614	121.165	22.299	1.00179.60	004	ATON	11888	C	ARC	64	146.659	104.251	11.074	1.00	35.42	004
ATON	11744	HEI	ARC	50	204.624	121.142	22.607	1.00179.60	004	ATON	11889	C	ARC	64	146.586	104.231	11.076	1.00	35.42	004
ATON	11745	HEI	ARC	50	205.634	121.119	22.915	1.00179.60	004	ATON	11890	C	ARC	64	146.513	104.211	11.078	1.00	35.42	004
ATON	11746	HEI	ARC	50	206.644	121.096	23.223	1.00179.60	004	ATON	11891	C	ARC	64	146.440	104.191	11.080	1.00	35.42	004
ATON	11747	HEI	ARC	50	207.654	121.073	23.531	1.00179.60	004	ATON	11892	C	ARC	64	146.367	104.171	11.082	1.00	35.42	004
ATON	11748	HEI	ARC	50	208.664	121.050	23.839	1.00179.60	004	ATON	11893	C	ARC	64	146.294	104.151	11.084	1.00	35.42	004
ATON	11749	HEI	ARC	50	209.674	121.027	24.147	1.00179.60	004	ATON	11894	C	ARC	64	146.221	104.131	11.086	1.00	35.42	004
ATON	11750	HEI	ARC	50	210.684	121.004	24.455	1.00179.60	004	ATON	11895	C	ARC	64	146.148	104.111	11.088	1.00	35.42	004
ATON	11751	HEI	ARC	50	211.694	120.981	24.763	1.00179.60	004	ATON	11896	C	ARC	64	146.075	104.091	11.090	1.00	35.42	004
ATON	11752	HEI	ARC	50	212.704	120.958	25.071	1.00179.60	004	ATON	11897	C	ARC	64	146.002	104.071	11.092	1.00	35.42	004
ATON	11753	HEI	ARC	50	213.714	120.935	25.379	1.00179.60	004	ATON	11898	C	ARC	64	145.929	104.051	11.094	1.00	35.42	004
ATON	11754	HEI	ARC	50	214.724	120.912	25.687	1.00179.60	004	ATON	11899	C	ARC	64	145.856	104.031	11.096	1.00	35.42	004
ATON	11755	HEI	ARC	50	215.734	120.889	25.995	1.00179.60	004	ATON	11900	C	ARC	64	145.783	104.011	11.098	1.00	35.42	004
ATON	11756	HEI	ARC	50	216.744	120.866	26.303	1.00179.60	004	ATON	11901	C	ARC	64	145.710	103.991	11.100	1.00	35.42	004
ATON	11757	HEI	ARC	50	217.754	120.843	26.611	1.00179.60	004	ATON	11902	C	ARC	64	145.637	103.971	11.102	1.00	35.42	004
ATON	11758	HEI	ARC	50	218.764	120.820	26.919	1.00179.60	004	ATON	11903	C	ARC	64	145.564	103.951	11.104	1.00	35.42	004
ATON	11759	HEI	ARC	50	219.774	120.797	27.227	1.00179.60	004	ATON	11904	C	ARC	64	145.491	103.931	11.106	1.00	35.42	004
ATON	11760	HEI	ARC	50	220.784	120.774	27.535	1.00179.60	004	ATON	11905	C	ARC	64	145.418	103.911	11.108	1.00	35.42	004
ATON	11761	HEI	ARC	50	221.794	120.751	27.843	1.00179.60	004	ATON	11906	C	ARC	64	145.345	103.891	11.110	1.00	35.42	004
ATON	11762	HEI	ARC	50	222.804	120.728	28.151	1.00179.60	004	ATON	11907	C	ARC	64	145.272	103.871	11.112	1.00	35.42	004
ATON	11763	HEI	ARC	50	223.814	120.705	28.459	1.00179.60	004	ATON	11908	C	ARC	64	145.199	103.851	11.114	1.00	35.42	004
ATON	11764	HEI	ARC	50	224.824	120.682	28.767	1.00179.60	004	ATON	11909	C	ARC	64	145.126	103.831	11.116	1.00	35.42	004
ATON	11765	HEI	ARC	50	225.834	120.659	29.075	1.00179.60	004	ATON	11910	C	ARC	64	145.053	103.811	11.118	1.00	35.42	004
ATON	11766	HEI	ARC	50	226.844	120.636	29.383	1.00179.60	004	ATON	11911	C	ARC	64	144.980	103.791	11.120	1.00	35.42	004
ATON	11767	HEI	ARC	50	227.854	120.613	29.691	1.00179.60	004	ATON	11912	C	ARC	64	144.907	103.771	11.122	1.00	35.42	004
ATON	11768	HEI	ARC																	

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AT01	12770	CO	GLR	119	144.563	99.815	44.448	1.00	49.50	004	AT01	12823	CO	GLR	137	139.562	99.229	39.561	1.00	51.27	004
AT01	12780	CO	GLR	119	144.565	99.817	44.450	1.00	49.50	004	AT01	12833	CO	GLR	137	139.564	99.231	39.563	1.00	51.29	004
AT01	12790	CO	GLR	119	144.567	99.819	44.452	1.00	49.50	004	AT01	12843	CO	GLR	137	139.566	99.233	39.565	1.00	51.31	004
AT01	12800	CO	GLR	119	144.569	99.821	44.454	1.00	49.50	004	AT01	12853	CO	GLR	137	139.568	99.235	39.567	1.00	51.33	004
AT01	12810	CO	GLR	119	144.571	99.823	44.456	1.00	49.50	004	AT01	12863	CO	GLR	137	139.570	99.237	39.569	1.00	51.35	004
AT01	12820	CO	GLR	119	144.573	99.825	44.458	1.00	49.50	004	AT01	12873	CO	GLR	137	139.572	99.239	39.571	1.00	51.37	004
AT01	12830	CO	GLR	119	144.575	99.827	44.460	1.00	49.50	004	AT01	12883	CO	GLR	137	139.574	99.241	39.573	1.00	51.39	004
AT01	12840	CO	GLR	119	144.577	99.829	44.462	1.00	49.50	004	AT01	12893	CO	GLR	137	139.576	99.243	39.575	1.00	51.41	004
AT01	12850	CO	GLR	119	144.579	99.831	44.464	1.00	49.50	004	AT01	12903	CO	GLR	137	139.578	99.245	39.577	1.00	51.43	004
AT01	12860	CO	GLR	119	144.581	99.833	44.466	1.00	49.50	004	AT01	12913	CO	GLR	137	139.580	99.247	39.579	1.00	51.45	004
AT01	12870	CO	GLR	119	144.583	99.835	44.468	1.00	49.50	004	AT01	12923	CO	GLR	137	139.582	99.249	39.581	1.00	51.47	004
AT01	12880	CO	GLR	119	144.585	99.837	44.470	1.00	49.50	004	AT01	12933	CO	GLR	137	139.584	99.251	39.583	1.00	51.49	004
AT01	12890	CO	GLR	119	144.587	99.839	44.472	1.00	49.50	004	AT01	12943	CO	GLR	137	139.586	99.253	39.585	1.00	51.51	004
AT01	12900	CO	GLR	119	144.589	99.841	44.474	1.00	49.50	004	AT01	12953	CO	GLR	137	139.588	99.255	39.587	1.00	51.53	004
AT01	12910	CO	GLR	119	144.591	99.843	44.476	1.00	49.50	004	AT01	12963	CO	GLR	137	139.590	99.257	39.589	1.00	51.55	004
AT01	12920	CO	GLR	119	144.593	99.845	44.478	1.00	49.50	004	AT01	12973	CO	GLR	137	139.592	99.259	39.591	1.00	51.57	004
AT01	12930	CO	GLR	119	144.595	99.847	44.480	1.00	49.50	004	AT01	12983	CO	GLR	137	139.594	99.261	39.593	1.00	51.59	004
AT01	12940	CO	GLR	119	144.597	99.849	44.482	1.00	49.50	004	AT01	12993	CO	GLR	137	139.596	99.263	39.595	1.00	51.61	004
AT01	12950	CO	GLR	119	144.599	99.851	44.484	1.00	49.50	004	AT01	13003	CO	GLR	137	139.598	99.265	39.597	1.00	51.63	004
AT01	12960	CO	GLR	119	144.601	99.853	44.486	1.00	49.50	004	AT01	13013	CO	GLR	137	139.600	99.267	39.599	1.00	51.65	004
AT01	12970	CO	GLR	119	144.603	99.855	44.488	1.00	49.50	004	AT01	13023	CO	GLR	137	139.602	99.269	39.601	1.00	51.67	004
AT01	12980	CO	GLR	119	144.605	99.857	44.490	1.00	49.50	004	AT01	13033	CO	GLR	137	139.604	99.271	39.603	1.00	51.69	004
AT01	12990	CO	GLR	119	144.607	99.859	44.492	1.00	49.50	004	AT01	13043	CO	GLR	137	139.606	99.273	39.605	1.00	51.71	004
AT01	13000	CO	GLR	119	144.609	99.861	44.494	1.00	49.50	004	AT01	13053	CO	GLR	137	139.608	99.275	39.607	1.00	51.73	004
AT01	13010	CO	GLR	119	144.611	99.863	44.496	1.00	49.50	004	AT01	13063	CO	GLR	137	139.610	99.277	39.609	1.00	51.75	004
AT01	13020	CO	GLR	119	144.613	99.865	44.498	1.00	49.50	004	AT01	13073	CO	GLR	137	139.612	99.279	39.611	1.00	51.77	004
AT01	13030	CO	GLR	119	144.615	99.867	44.500	1.00	49.50	004	AT01	13083	CO	GLR	137	139.614	99.281	39.613	1.00	51.79	004
AT01	13040	CO	GLR	119	144.617	99.869	44.502	1.00	49.50	004	AT01	13093	CO	GLR	137	139.616	99.283	39.615	1.00	51.81	004
AT01	13050	CO	GLR	119	144.619	99.871	44.504	1.00	49.50	004	AT01	13103	CO	GLR	137	139.618	99.285	39.617	1.00	51.83	004
AT01	13060	CO	GLR	119	144.621	99.873	44.506	1.00	49.50	004	AT01	13113	CO	GLR	137	139.620	99.287	39.619	1.00	51.85	004
AT01	13070	CO	GLR	119	144.623	99.875	44.508	1.00	49.50	004	AT01	13123	CO	GLR	137	139.622	99.289	39.621	1.00	51.87	004
AT01	13080	CO	GLR	119	144.625	99.877	44.510	1.00	49.50	004	AT01	13133	CO	GLR	137	139.624	99.291	39.623	1.00	51.89	004
AT01	13090	CO	GLR	119	144.627	99.879	44.512	1.00	49.50	004	AT01	13143	CO	GLR	137	139.626	99.293	39.625	1.00	51.91	004
AT01	13100	CO	GLR	119	144.629	99.881	44.514	1.00	49.50	004	AT01	13153	CO	GLR	137	139.628	99.295	39.627	1.00	51.93	004
AT01	13110	CO	GLR	119	144.631	99.883	44.516	1.00	49.50	004	AT01	13163	CO	GLR	137	139.630	99.297	39.629	1.00	51.95	004
AT01	13120	CO	GLR	119	144.633	99.885	44.518	1.00	49.50	004	AT01	13173	CO	GLR	137	139.632	99.299	39.631	1.00	51.97	004
AT01	13130	CO	GLR	119	144.635	99.887	44.520	1.00	49.50	004	AT01	13183	CO	GLR	137	139.634	99.301	39.633	1.00	51.99	004
AT01	13140	CO	GLR	119	144.637	99.889	44.522	1.00	49.50	004	AT01	13193	CO	GLR	137	139.636	99.303	39.635	1.00	52.01	004
AT01	13150	CO	GLR	119	144.639	99.891	44.524	1.00	49.50	004	AT01	13203	CO	GLR	137	139.638	99.305	39.637	1.00	52.03	004
AT01	13160	CO	GLR	119	144.641	99.893	44.526	1.00	49.50	004	AT01	13213	CO	GLR	137	139.640	99.307	39.639	1.00	52.05	004
AT01	13170	CO	GLR	119	144.643	99.895	44.528	1.00	49.50	004	AT01	13223	CO	GLR	137	139.642	99.309	39.641	1.00	52.07	004
AT01	13180	CO	GLR	119	144.645	99.897	44.530	1.00	49.50	004	AT01	13233	CO	GLR	137	139.644	99.311	39.643	1.00	52.09	004
AT01	13190	CO	GLR	119	144.647	99.899	44.532	1.00	49.50	004	AT01	13243	CO	GLR	137	139.646	99.313	39.645	1.00	52.11	004
AT01	13200	CO	GLR	119	144.649	99.901	44.534	1.00	49.50	004	AT01	13253	CO	GLR	137	139.648	99.315	39.647	1.00	52.13	004
AT01	13210	CO	GLR	119	144.651	99.903	44.536	1.00	49.50	004	AT01	13263	CO	GLR	137	139.650	99.317	39.649	1.00	52.15	004
AT01	13220	CO	GLR	119	144.653	99.905	44.538	1.00	49.50	004	AT01	13273	CO	GLR	137	139.652	99.319	39.651	1.00	52.17	004
AT01	13230	CO	GLR	119	144.655	99.907	44.540	1.00	49.50	004	AT01	13283	CO	GLR	137	139.654	99.321	39.653	1.00	52.19	004
AT01	13240	CO	GLR	119	144.657	99.909	44.542	1.00	49.50	004	AT01	13293	CO	GLR	137	139.656	99.323	39.655	1.00	52.21	004
AT01	13250	CO	GLR	119	144.659	99.911	44.544	1.00	49.50	004	AT01	13303	CO	GLR	137	139.658	99.325	39.657	1.00	52.23	004
AT01	13260	CO	GLR	119	144.661	99.913	44.546	1.00	49.50	004	AT01	13313	CO	GLR	137	139.660	99.327	39.659	1.00	52.25	004
AT01	13270	CO	GLR	119	144.663	99.915	44.548	1.00	49.50	004	AT01	13323	CO	GLR	137	139.662	99.329	39.661	1.00	52.27	004
AT01	13280	CO	GLR	119	144.665	99.917	44.550	1.00	49.50	004	AT01	13333	CO	GLR	137	139.664	99.331	39.663	1.00	52.29	004
AT01	13290	CO	GLR	119	144.667	99.919	44.552	1.00	49.50	004	AT01	13343	CO	GLR	137	139.666	99.333	39.665	1.00	52.31	004
AT01	13300	CO	GLR	119	144.669	99.921	44.554	1.00	49.50	004	AT01	13353	CO	GLR							

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ATON	12951	O	AMP	190	136.201	119.854	26.066	1.00	45.21	001
ATON	12952	P	AMP	191	136.400	119.862	25.867	1.00	46.21	001
ATON	12953	C	AMP	191	137.015	119.853	25.901	1.00	45.21	001
ATON	12954	C	AMP	191	137.323	119.857	25.833	1.00	45.21	001
ATON	12955	C	AMP	191	138.423	119.851	26.755	1.00	45.19	001
ATON	12956	C	AMP	191	138.673	119.845	25.357	1.00	45.19	001
ATON	12957	P	AMP	191	141.069	119.854	25.718	1.00	45.19	001
ATON	12958	C	AMP	191	142.465	119.850	26.788	1.00	45.19	001
ATON	12959	RI	AMP	191	141.571	120.122	25.587	1.00	45.19	001
ATON	12960	RI	AMP	191	141.756	119.845	25.873	1.00	45.19	001
ATON	12961	C	AMP	191	137.997	120.768	25.623	1.00	45.21	001
ATON	12962	O	AMP	191	138.004	120.528	25.623	1.00	45.21	001
ATON	12963	P	CLD	192	133.070	121.713	24.549	1.00	45.92	001
ATON	12964	C	CLD	192	133.071	122.061	24.728	1.00	45.92	001
ATON	12965	C	CLD	192	134.004	121.993	24.538	1.00	45.92	001
ATON	12966	C	CLD	192	133.144	121.357	24.642	1.00	45.92	001
ATON	12967	RI	CLD	192	133.745	122.642	22.204	1.00	45.92	001
ATON	12968	RI	CLD	192	134.369	121.721	21.630	1.00	45.92	001
ATON	12969	RI	CLD	192	134.731	124.328	21.633	1.00	45.92	001
ATON	12970	C	CLD	192	136.423	122.933	24.721	1.00	45.92	001
ATON	12971	O	CLD	192	136.435	123.487	21.432	1.00	45.92	001
ATON	12972	O	AMP	193	136.432	121.506	21.175	1.00	45.91	001
ATON	12973	LA	AMP	193	136.630	121.308	20.355	1.00	45.91	001
ATON	12974	CI	AMP	193	136.475	120.139	20.592	1.00	44.39	001
ATON	12975	CI	AMP	193	137.062	120.491	20.238	1.00	44.39	001
ATON	12976	RI	AMP	193	137.061	121.356	20.118	1.00	44.39	001
ATON	12977	RI	AMP	193	137.100	120.425	21.127	1.00	44.39	001
ATON	12978	C	AMP	193	137.770	120.491	20.262	1.00	44.39	001
ATON	12979	O	AMP	193	137.515	121.159	20.442	1.00	44.39	001
ATON	12980	P	AMP	194	138.668	120.870	20.573	1.00	46.25	001
ATON	12981	CA	AMP	194	139.000	119.473	20.993	1.00	46.25	001
ATON	12982	CI	AMP	194	139.737	119.244	20.994	1.00	46.25	001
ATON	12983	CI	AMP	194	138.827	124.551	20.265	1.00	46.25	001
ATON	12984	CI	AMP	194	138.761	119.443	21.795	1.00	46.25	001
ATON	12985	CI	AMP	194	137.329	127.182	21.877	1.00	46.25	001
ATON	12986	C	AMP	194	140.088	120.322	20.601	1.00	46.25	001
ATON	12987	C	AMP	194	140.165	121.438	20.127	1.00	46.25	001
ATON	12988	P	AMP	195	141.626	120.418	20.796	1.00	46.37	001
ATON	12989	C	AMP	195	141.321	121.364	20.751	1.00	46.37	001
ATON	12990	C	AMP	195	142.775	122.182	20.834	1.00	46.37	001
ATON	12991	C	AMP	195	143.071	120.771	21.718	1.00	46.37	001
ATON	12992	O	AMP	195	144.144	120.889	20.537	1.00	46.37	001
ATON	12993	C	AMP	196	142.871	119.328	20.994	1.00	47.09	001
ATON	12994	C	AMP	196	142.860	116.472	20.993	1.00	47.09	001
ATON	12995	CI	AMP	196	144.475	117.285	20.146	1.00	47.09	001
ATON	12996	CI	AMP	196	143.540	114.588	20.778	1.00	47.09	001
ATON	12997	CI	AMP	196	143.617	115.945	21.004	1.00	47.09	001
ATON	12998	CI	AMP	196	144.957	115.947	20.004	1.00	47.09	001
ATON	12999	C	AMP	196	146.148	115.389	20.143	1.00	47.09	001
ATON	13000	O	AMP	197	145.475	120.121	21.287	1.00	47.09	001
ATON	13001	C	AMP	197	147.404	119.199	20.536	1.00	46.99	001
ATON	13002	C	AMP	197	147.894	118.167	20.685	1.00	47.95	001
ATON	13003	CI	AMP	197	148.130	118.167	21.911	1.00	46.99	001
ATON	13004	C	AMP	197	149.665	119.447	20.934	1.00	47.95	001
ATON	13005	C	AMP	197	149.155	118.708	20.436	1.00	47.95	001
ATON	13006	C	AMP	197	148.551	119.358	20.468	1.00	46.99	001
ATON	13007	O	AMP	197	149.991	119.642	20.379	1.00	46.99	001
ATON	13008	P	AMP	198	147.812	116.474	21.840	1.00	46.99	001
ATON	13009	C	AMP	198	147.961	116.474	20.848	1.00	46.99	001
ATON	13010	CI	AMP	198	147.783	116.478	20.804	1.00	46.99	001
ATON	13011	CI	AMP	198	147.124	115.945	21.004	1.00	46.99	001
ATON	13012	CI	AMP	198	147.170	116.472	21.418	1.00	46.99	001
ATON	13013	C	AMP	198	146.112	114.472	23.313	1.00	46.99	001
ATON	13014	C	AMP	198	147.402	116.478	22.271	1.00	46.99	001
ATON	13015	C	AMP	198	147.424	116.478	22.271	1.00	46.99	001
ATON	13016	C	AMP	198	148.424	116.478	20.258	1.00	46.99	001
ATON	13017	C	AMP	198	148.157	120.121	21.887	1.00	46.99	001
ATON	13018	CI	AMP	198	147.348	119.470	20.415	1.00	46.99	001
ATON	13019	CI	AMP	198	148.712	121.412	18.455	1.00	46.99	001
ATON	13020	RI	AMP	199	147.023	117.484	20.108	1.00	46.99	001
ATON	13021	O	AMP	199	147.116	117.484	20.108	1.00	46.99	001
ATON	13022	C	AMP	199	143.737	117.484	20.108	1.00	46.99	001
ATON	13023	C	AMP	200	145.284	116.184	18.617	1.00	46.99	001
ATON	13024	C	AMP	200	143.765	116.184	18.617	1.00	46.99	001
ATON	13025	C	AMP	200	142.969	117.709	19.781	1.00	47.07	001
ATON	13026	CI	AMP	200	143.195	118.008	20.441	1.00	47.07	001
ATON	13027	CI	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13028	CI	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13029	CI	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13030	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13031	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13032	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13033	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13034	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13035	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13036	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13037	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13038	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13039	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13040	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13041	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13042	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13043	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13044	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13045	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13046	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13047	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13048	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13049	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13050	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13051	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13052	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13053	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13054	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13055	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13056	C	AMP	200	143.190	118.008	20.441	1.00	47.07	001
ATON	13057	C	AMP	200	143.190	118.008	20.441	1.00	47.07	

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ATON	13109	CC	PRO	93	171,265	85,787	-7,202	1.00	66.76	L412
ATON	13110	CC	PRO	93	171,262	84,961	-1,966	1.00	96.99	L413
ATON	13111	CC	PRO	93	171,255	83,790	-1,206	1.00	96.99	L413
ATON	13112	CA	PRO	93	171,255	83,790	-1,206	1.00	96.99	L413
ATON	13113	CA	PRO	93	171,254	82,969	-2,335	1.00	96.99	L413
ATON	13114	C	GLT	94	171,488	82,226	-1,096	1.00	96.99	L412
ATON	13115	C	GLT	94	171,483	81,405	-1,096	1.00	96.99	L412
ATON	13116	C	GLT	94	171,478	80,584	-1,096	1.00	96.99	L412
ATON	13117	CA	VAL	93	171,203	80,000	-1,182	1.00	93.93	L412
ATON	13118	CC	VAL	93	171,195	79,179	-1,096	1.00	96.99	L412
ATON	13119	CC	VAL	93	171,187	78,358	-1,096	1.00	96.99	L412
ATON	13120	CC	VAL	93	171,179	77,537	-1,096	1.00	96.99	L412
ATON	13121	C	VAL	93	171,171	76,716	-1,096	1.00	96.99	L412
ATON	13122	C	VAL	93	171,163	75,895	-1,096	1.00	96.99	L412
ATON	13123	C	VAL	93	171,155	75,074	-1,096	1.00	96.99	L412
ATON	13124	C	VAL	93	171,147	74,253	-1,096	1.00	96.99	L412
ATON	13125	C	VAL	93	171,139	73,432	-1,096	1.00	96.99	L412
ATON	13126	C	VAL	93	171,131	72,611	-1,096	1.00	96.99	L412
ATON	13127	C	VAL	93	171,123	71,790	-1,096	1.00	96.99	L412
ATON	13128	C	VAL	93	171,115	70,969	-1,096	1.00	96.99	L412
ATON	13129	C	VAL	93	171,107	70,148	-1,096	1.00	96.99	L412
ATON	13130	C	VAL	93	171,099	69,327	-1,096	1.00	96.99	L412
ATON	13131	C	VAL	93	171,091	68,506	-1,096	1.00	96.99	L412
ATON	13132	C	VAL	93	171,083	67,685	-1,096	1.00	96.99	L412
ATON	13133	C	VAL	93	171,075	66,864	-1,096	1.00	96.99	L412
ATON	13134	C	VAL	93	171,067	66,043	-1,096	1.00	96.99	L412
ATON	13135	C	VAL	93	171,059	65,222	-1,096	1.00	96.99	L412
ATON	13136	C	VAL	93	171,051	64,401	-1,096	1.00	96.99	L412
ATON	13137	C	VAL	93	171,043	63,580	-1,096	1.00	96.99	L412
ATON	13138	C	VAL	93	171,035	62,759	-1,096	1.00	96.99	L412
ATON	13139	C	VAL	93	171,027	61,938	-1,096	1.00	96.99	L412
ATON	13140	C	VAL	93	171,019	61,117	-1,096	1.00	96.99	L412
ATON	13141	C	VAL	93	171,011	60,296	-1,096	1.00	96.99	L412
ATON	13142	C	VAL	93	171,003	59,475	-1,096	1.00	96.99	L412
ATON	13143	C	VAL	93	170,995	58,654	-1,096	1.00	96.99	L412
ATON	13144	C	VAL	93	170,987	57,833	-1,096	1.00	96.99	L412
ATON	13145	C	VAL	93	170,979	57,012	-1,096	1.00	96.99	L412
ATON	13146	C	VAL	93	170,971	56,191	-1,096	1.00	96.99	L412
ATON	13147	C	VAL	93	170,963	55,370	-1,096	1.00	96.99	L412
ATON	13148	C	VAL	93	170,955	54,549	-1,096	1.00	96.99	L412
ATON	13149	C	VAL	93	170,947	53,728	-1,096	1.00	96.99	L412
ATON	13150	C	VAL	93	170,939	52,907	-1,096	1.00	96.99	L412
ATON	13151	C	VAL	93	170,931	52,086	-1,096	1.00	96.99	L412
ATON	13152	C	VAL	93	170,923	51,265	-1,096	1.00	96.99	L412
ATON	13153	C	VAL	93	170,915	50,444	-1,096	1.00	96.99	L412
ATON	13154	C	VAL	93	170,907	49,623	-1,096	1.00	96.99	L412
ATON	13155	C	VAL	93	170,899	48,802	-1,096	1.00	96.99	L412
ATON	13156	C	VAL	93	170,891	47,981	-1,096	1.00	96.99	L412
ATON	13157	C	VAL	93	170,883	47,160	-1,096	1.00	96.99	L412
ATON	13158	C	VAL	93	170,875	46,339	-1,096	1.00	96.99	L412
ATON	13159	C	VAL	93	170,867	45,518	-1,096	1.00	96.99	L412
ATON	13160	C	VAL	93	170,859	44,697	-1,096	1.00	96.99	L412
ATON	13161	C	VAL	93	170,851	43,876	-1,096	1.00	96.99	L412
ATON	13162	C	VAL	93	170,843	43,055	-1,096	1.00	96.99	L412
ATON	13163	C	VAL	93	170,835	42,234	-1,096	1.00	96.99	L412
ATON	13164	C	VAL	93	170,827	41,413	-1,096	1.00	96.99	L412
ATON	13165	C	VAL	93	170,819	40,592	-1,096	1.00	96.99	L412
ATON	13166	C	VAL	93	170,811	39,771	-1,096	1.00	96.99	L412
ATON	13167	C	VAL	93	170,803	38,950	-1,096	1.00	96.99	L412
ATON	13168	C	VAL	93	170,795	38,129	-1,096	1.00	96.99	L412
ATON	13169	C	VAL	93	170,787	37,308	-1,096	1.00	96.99	L412
ATON	13170	C	VAL	93	170,779	36,487	-1,096	1.00	96.99	L412
ATON	13171	C	VAL	93	170,771	35,666	-1,096	1.00	96.99	L412
ATON	13172	C	VAL	93	170,763	34,845	-1,096	1.00	96.99	L412
ATON	13173	C	VAL	93	170,755	34,024	-1,096	1.00	96.99	L412
ATON	13174	C	VAL	93	170,747	33,203	-1,096	1.00	96.99	L412
ATON	13175	C	VAL	93	170,739	32,382	-1,096	1.00	96.99	L412
ATON	13176	C	VAL	93	170,731	31,561	-1,096	1.00	96.99	L412
ATON	13177	C	VAL	93	170,723	30,740	-1,096	1.00	96.99	L412
ATON	13178	C	VAL	93	170,715	29,919	-1,096	1.00	96.99	L412
ATON	13179	C	VAL	93	170,707	29,098	-1,096	1.00	96.99	L412
ATON	13180	C	VAL	93	170,699	28,277	-1,096	1.00	96.99	L412
ATON	13181	C	VAL	93	170,691	27,456	-1,096	1.00	96.99	L412
ATON	13182	C	VAL	93	170,683	26,635	-1,096	1.00	96.99	L412
ATON	13183	C	VAL	93	170,675	25,814	-1,096	1.00	96.99	L412
ATON	13184	C	VAL	93	170,667	24,993	-1,096	1.00	96.99	L412
ATON	13185	C	VAL	93	170,659	24,172	-1,096	1.00	96.99	L412
ATON	13186	C	VAL	93	170,651	23,351	-1,096	1.00	96.99	L412
ATON	13187	C	VAL	93	170,643	22,530	-1,096	1.00	96.99	L412
ATON	13188	C	VAL	93	170,635	21,709	-1,096	1.00	96.99	L412
ATON	13189	C	VAL	93	170,627	20,888	-1,096	1.00	96.99	L412
ATON	13190	C	VAL	93	170,619	20,067	-1,096	1.00	96.99	L412
ATON	13191	C	VAL	93	170,611	19,246	-1,096	1.00	96.99	L412
ATON	13192	C	VAL	93	170,603	18,425	-1,096	1.00	96.99	L412
ATON	13193	C	VAL	93	170,595	17,604	-1,096	1.00	96.99	L412
ATON	13194	C	VAL	93	170,587	16,783	-1,096	1.00	96.99	L412
ATON	13195	C	VAL	93	170,579	15,962	-1,096	1.00	96.99	L412
ATON	13196	C	VAL	93	170,571	15,141	-1,096	1.00	96.99	L412
ATON	13197	C	VAL	93	170,563	14,320	-1,096	1.00	96.99	L412
ATON	13198	C	VAL	93	170,555	13,499	-1,096	1.00	96.99	L412
ATON	13199	C	VAL	93	170,547	12,678	-1,096	1.00	96.99	L412
ATON	13200	C	VAL	93	170,539	11,857	-1,096	1.00	96.99	L412
ATON	13201	C	VAL	93	170,531	11,036	-1,096	1.00	96.99	L412
ATON	13202	C	VAL	93	170,523	10,215	-1,096	1.00	96.99	L412
ATON	13203	C	VAL	93	170,515	9,394	-1,096	1.00	96.99	L412
ATON	13204	C	VAL	93	170,507	8,573	-1,096	1.00	96.99	L412
ATON	13205	C	VAL	93	170,499	7,752	-1,096	1.00	96.99	L412
ATON	13206	C	VAL	93	170,491	6,931	-1,096	1.00	96.99	L412
ATON	13207	C	VAL	93	170,483	6,110	-1,096	1.00	96.99	L412
ATON	13208	C	VAL	93	170,475	5,289	-1,096	1.00	96.99	L412
ATON	13209	C	VAL	93	170,467	4,468	-1,096	1.00	96.99	L412
ATON	13210	C	VAL	93	170,459	3,647	-1,096	1.00	96.99	L412
ATON	13211	C	VAL	93	170,451	2,826	-1,096	1.00	96.99	L412
ATON	13212	C	VAL	93	170,443	2,005	-1,096	1.00	96.99	L412
ATON	13213	C	VAL	93	170,435	1,184	-1,096	1.00	96.99	L412
ATON	13214	C	VAL	93	170,427	32	-1,096	1.00	96.99	L412
ATON	13215	C	VAL	93	170,419	-1,096	1.00	96.99	L412	
ATON	13216	C	VAL	93	170,411	-2,217	1.00	96.99	L412	
ATON	13217	C	VAL	93	170,403	-3,338	1.00	96.99	L412	
ATON	13218	C	VAL	93	170,395	-4,459	1.00	96.99	L412	
ATON	13219	C	VAL	93	170,387	-5,580	1.00	96.99	L412	
ATON	13220	C	VAL	93	170,379	-6,701	1.00	96.99	L412	
ATON	13221	C	VAL	93	170,371	-7,822	1.00	96.99	L412	
ATON	13222	C	VAL	93	170,363	-8,943	1.00	96.99	L412	
ATON	13223	C	VAL	93	170,355	-10,064	1.00	96.99	L412	
ATON	13224	C	VAL	93	170,347	-11,185	1.00	96.99	L412	
ATON	13225	C	VAL	93	170,339	-12,306	1.00	96.99	L412	
ATON	13226	C	VAL	93	170,331	-13,427	1.00	96.99	L412	
ATON	13227	C	VAL	93	170,323	-14,548	1.00	96.99	L412	
ATON	13228	C	VAL	93	170,315	-15,669	1.00	96.99	L412	
ATON	13229	C	VAL	93	170,307	-16,790	1.00	96.99	L412	
ATON	13230	C	VAL	93	170,299	-17,911	1.00	96.99	L412	
ATON	13231	C	VAL	93	170,291	-19,032	1.00	96.99	L412	
ATON	13232	C	VAL	93	170,283	-20,153	1.00	96.99	L412	
ATON	13233	C	VAL	93	170,275	-21,274	1.00	96.99	L412	
ATON	13234	C	VAL	93	170,267	-22,395	1.00	96.99	L412	
ATON	13235	C	VAL	93	170,259	-23,516	1.00	96.99	L412	
ATON	13236	C	VAL							

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ATON	11999	CD	LEU	10	137.142	47.968	8.330	1.00138.82
ATON	12000	CD	LEU	10	138.923	49.289	8.176	1.00138.82
ATON	12001	CD	LEU	10	137.257	47.973	8.330	1.00138.82
ATON	12002	CD	LEU	10	137.411	48.613	8.330	1.00138.82
ATON	12003	CD	LEU	10	137.565	49.253	8.176	1.00138.82
ATON	12004	CD	LEU	10	137.719	49.893	8.000	1.00138.82
ATON	12005	CD	LEU	10	137.873	50.573	7.824	1.00138.82
ATON	12006	CD	LEU	10	138.027	51.253	7.650	1.00138.82
ATON	12007	CD	LEU	10	138.181	51.933	7.476	1.00138.82
ATON	12008	CD	LEU	10	138.335	52.613	7.302	1.00138.82
ATON	12009	CD	LEU	10	138.489	53.293	7.128	1.00138.82
ATON	12010	CD	LEU	10	138.643	53.973	6.954	1.00138.82
ATON	12011	CD	LEU	10	138.797	54.653	6.780	1.00138.82
ATON	12012	CD	LEU	10	138.951	55.333	6.606	1.00138.82
ATON	12013	CD	LEU	10	139.105	56.013	6.432	1.00138.82
ATON	12014	CD	LEU	10	139.259	56.693	6.258	1.00138.82
ATON	12015	CD	LEU	10	139.413	57.373	6.084	1.00138.82
ATON	12016	CD	LEU	10	139.567	58.053	5.910	1.00138.82
ATON	12017	CD	LEU	10	139.721	58.733	5.736	1.00138.82
ATON	12018	CD	LEU	10	139.875	59.413	5.562	1.00138.82
ATON	12019	CD	LEU	10	140.029	60.093	5.388	1.00138.82
ATON	12020	CD	LEU	10	140.183	60.773	5.214	1.00138.82
ATON	12021	CD	LEU	10	140.337	61.453	5.040	1.00138.82
ATON	12022	CD	LEU	10	140.491	62.133	4.866	1.00138.82
ATON	12023	CD	LEU	10	140.645	62.813	4.692	1.00138.82
ATON	12024	CD	LEU	10	140.799	63.493	4.518	1.00138.82
ATON	12025	CD	LEU	10	140.953	64.173	4.344	1.00138.82
ATON	12026	CD	LEU	10	141.107	64.853	4.170	1.00138.82
ATON	12027	CD	LEU	10	141.261	65.533	3.996	1.00138.82
ATON	12028	CD	LEU	10	141.415	66.213	3.822	1.00138.82
ATON	12029	CD	LEU	10	141.569	66.893	3.648	1.00138.82
ATON	12030	CD	LEU	10	141.723	67.573	3.474	1.00138.82
ATON	12031	CD	LEU	10	141.877	68.253	3.300	1.00138.82
ATON	12032	CD	LEU	10	142.031	68.933	3.126	1.00138.82
ATON	12033	CD	LEU	10	142.185	69.613	2.952	1.00138.82
ATON	12034	CD	LEU	10	142.339	70.293	2.778	1.00138.82
ATON	12035	CD	LEU	10	142.493	70.973	2.604	1.00138.82
ATON	12036	CD	LEU	10	142.647	71.653	2.430	1.00138.82
ATON	12037	CD	LEU	10	142.801	72.333	2.256	1.00138.82
ATON	12038	CD	LEU	10	142.955	73.013	2.082	1.00138.82
ATON	12039	CD	LEU	10	143.109	73.693	1.908	1.00138.82
ATON	12040	CD	LEU	10	143.263	74.373	1.734	1.00138.82
ATON	12041	CD	LEU	10	143.417	75.053	1.560	1.00138.82
ATON	12042	CD	LEU	10	143.571	75.733	1.386	1.00138.82
ATON	12043	CD	LEU	10	143.725	76.413	1.212	1.00138.82
ATON	12044	CD	LEU	10	143.879	77.093	1.038	1.00138.82
ATON	12045	CD	LEU	10	144.033	77.773	0.864	1.00138.82
ATON	12046	CD	LEU	10	144.187	78.453	0.690	1.00138.82
ATON	12047	CD	LEU	10	144.341	79.133	0.516	1.00138.82
ATON	12048	CD	LEU	10	144.495	79.813	0.342	1.00138.82
ATON	12049	CD	LEU	10	144.649	80.493	0.168	1.00138.82
ATON	12050	CD	LEU	10	144.803	81.173	-0.006	1.00138.82
ATON	12051	CD	LEU	10	144.957	81.853	-0.180	1.00138.82
ATON	12052	CD	LEU	10	145.111	82.533	-0.354	1.00138.82
ATON	12053	CD	LEU	10	145.265	83.213	-0.528	1.00138.82
ATON	12054	CD	LEU	10	145.419	83.893	-0.702	1.00138.82
ATON	12055	CD	LEU	10	145.573	84.573	-0.876	1.00138.82
ATON	12056	CD	LEU	10	145.727	85.253	-1.050	1.00138.82
ATON	12057	CD	LEU	10	145.881	85.933	-1.224	1.00138.82
ATON	12058	CD	LEU	10	146.035	86.613	-1.398	1.00138.82
ATON	12059	CD	LEU	10	146.189	87.293	-1.572	1.00138.82
ATON	12060	CD	LEU	10	146.343	87.973	-1.746	1.00138.82
ATON	12061	CD	LEU	10	146.497	88.653	-1.920	1.00138.82
ATON	12062	CD	LEU	10	146.651	89.333	-2.094	1.00138.82
ATON	12063	CD	LEU	10	146.805	90.013	-2.268	1.00138.82
ATON	12064	CD	LEU	10	146.959	90.693	-2.442	1.00138.82
ATON	12065	CD	LEU	10	147.113	91.373	-2.616	1.00138.82
ATON	12066	CD	LEU	10	147.267	92.053	-2.790	1.00138.82
ATON	12067	CD	LEU	10	147.421	92.733	-2.964	1.00138.82
ATON	12068	CD	LEU	10	147.575	93.413	-3.138	1.00138.82
ATON	12069	CD	LEU	10	147.729	94.093	-3.312	1.00138.82
ATON	12070	CD	LEU	10	147.883	94.773	-3.486	1.00138.82
ATON	12071	CD	LEU	10	148.037	95.453	-3.660	1.00138.82
ATON	12072	CD	LEU	10	148.191	96.133	-3.834	1.00138.82
ATON	12073	CD	LEU	10	148.345	96.813	-4.008	1.00138.82
ATON	12074	CD	LEU	10	148.499	97.493	-4.182	1.00138.82
ATON	12075	CD	LEU	10	148.653	98.173	-4.356	1.00138.82
ATON	12076	CD	LEU	10	148.807	98.853	-4.530	1.00138.82
ATON	12077	CD	LEU	10	148.961	99.533	-4.704	1.00138.82
ATON	12078	CD	LEU	10	149.115	100.213	-4.878	1.00138.82
ATON	12079	CD	LEU	10	149.269	100.893	-5.052	1.00138.82
ATON	12080	CD	LEU	10	149.423	101.573	-5.226	1.00138.82
ATON	12081	CD	LEU	10	149.577	102.253	-5.400	1.00138.82
ATON	12082	CD	LEU	10	149.731	102.933	-5.574	1.00138.82
ATON	12083	CD	LEU	10	149.885	103.613	-5.748	1.00138.82
ATON	12084	CD	LEU	10	150.039	104.293	-5.922	1.00138.82
ATON	12085	CD	LEU	10	150.193	104.973	-6.096	1.00138.82
ATON	12086	CD	LEU	10	150.347	105.653	-6.270	1.00138.82
ATON	12087	CD	LEU	10	150.501	106.333	-6.444	1.00138.82
ATON	12088	CD	LEU	10	150.655	107.013	-6.618	1.00138.82
ATON	12089	CD	LEU	10	150.809	107.693	-6.792	1.00138.82
ATON	12090	CD	LEU	10	150.963	108.373	-6.966	1.00138.82
ATON	12091	CD	LEU	10	151.117	109.053	-7.140	1.00138.82
ATON	12092	CD	LEU	10	151.271	109.733	-7.314	1.00138.82
ATON	12093	CD	LEU	10	151.425	110.413	-7.488	1.00138.82
ATON	12094	CD	LEU	10	151.579	111.093	-7.662	1.00138.82
ATON	12095	CD	LEU	10	151.733	111.773	-7.836	1.00138.82
ATON	12096	CD	LEU	10	151.887	112.453	-8.010	1.00138.82
ATON	12097	CD	LEU	10	152.041	113.133	-8.184	1.00138.82
ATON	12098	CD	LEU	10	152.195	113.813	-8.358	1.00138.82
ATON	12099	CD	LEU	10	152.349	114.493	-8.532	1.00138.82
ATON	12100	CD	LEU	10	152.503	115.173	-8.706	1.00138.82
ATON	12101	CD	LEU	10	152.657	115.853	-8.880	1.00138.82
ATON	12102	CD	LEU	10	152.811	116.533	-9.054	1.00138.82
ATON	12103	CD	LEU	10	152.965	117.213	-9.228	1.00138.82
ATON	12104	CD	LEU	10	153.119	117.893	-9.402	1.00138.82
ATON	12105	CD	LEU	10	153.273	118.573	-9.576	1.00138.82
ATON	12106	CD	LEU	10	153.427	119.253	-9.750	1.00138.82
ATON	12107	CD	LEU	10	153.581	119.933	-9.924	1.00138.82
ATON	12108	CD	LEU	10	153.735	120.613	-10.098	1.00138.82
ATON	12109	CD	LEU	10	153.889	121.293	-10.272	1.00138.82
ATON	12110	CD	LEU	10	154.043	121.973	-10.446	1.00138.82
ATON	12111	CD	LEU	10	154.197	122.653	-10.620	1.00138.82
ATON	12112	CD	LEU	10	154.351	123.333	-10.794	1.00138.82
ATON	12113	CD	LEU	10	154.505	124.013	-10.968	1.00138.82
ATON	12114	CD	LEU	10	154.659	124.693	-11.142	1.00138.82
ATON	12115	CD	LEU	10	154.813	125.373	-11.316	1.00138.82
ATON	12116	CD	LEU	10	154.967	126.053	-11.490	1.00138.82
ATON	12117	CD	LEU	10	155.121	126.733	-11.664	1.00138.82
ATON	12118	CD	LEU	10	155.275	127.413	-11.838	1.00138.82
ATON	12119	CD	LEU	10	155.429	128.093	-12.012	1.00138.82
ATON	12120	CD	LEU	10	155.583	128.773	-12.186	1.00138.82
ATON	12121	CD	LEU	10	155.737	129.453	-12.360	1.00138.82
ATON	12122	CD	LEU	10	155.891	130.133	-12.534	1.00138.82
ATON	12123	CD	LEU	10	156.045	130.813	-12.708	1.00138.82
ATON	12124	CD	LEU	10	156.199	131.493	-12.882	1.00138.82
ATON	12125	CD	LEU	10	156.353			

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BNSDOCID <EP 1186614A2 I

ATC01	14432	C	ARC	14	246,893	127,083	8.323	1.00	60.47	VF00	ATC01	14595	C	ARC	7	220,435	117,383	21.626	1.00	52.87	VF00
ATC01	14553	REL	ARC	14	236,177	127,176	8.067	1.00	60.42	VF00	ATC01	14596	C	ARC	7	221,189	116,147	21.393	1.00	52.93	VF00
ATC01	14554	REL	ARC	14	236,177	127,176	8.067	1.00	60.42	VF00	ATC01	14597	C	ARC	7	221,189	116,147	21.393	1.00	52.93	VF00
ATC01	14555	REL	ARC	14	241,764	127,689	6.533	1.00	60.42	VF00	ATC01	14598	C	ARC	7	222,279	116,775	21.726	1.00	50.98	VF00
ATC01	14556	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14599	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14557	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14600	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14558	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14601	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14559	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14602	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14560	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14603	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14561	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14604	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14562	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14605	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14563	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14606	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14564	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14607	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14565	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14608	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14566	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14609	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14567	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14610	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14568	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14611	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14569	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14612	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14570	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14613	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14571	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14614	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14572	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14615	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14573	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14616	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14574	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14617	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14575	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14618	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14576	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14619	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14577	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14620	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14578	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14621	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14579	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14622	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14580	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14623	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14581	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14624	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14582	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14625	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14583	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14626	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14584	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14627	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14585	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14628	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14586	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14629	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14587	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14630	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14588	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14631	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14589	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14632	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14590	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14633	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14591	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14634	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14592	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14635	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14593	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14636	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14594	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14637	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14595	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14638	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14596	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14639	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14597	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14640	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14598	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14641	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14599	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14642	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14600	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14643	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14601	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14644	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14602	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14645	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14603	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14646	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14604	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14647	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14605	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14648	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14606	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14649	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14607	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14650	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14608	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14651	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14609	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14652	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14610	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14653	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14611	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14654	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14612	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14655	C	ARC	7	223,452	117,257	21.981	1.00	50.48	VF00
ATC01	14613	C	ARC	14	246,961	131,462	9.716	1.00	61.26	VF00	ATC01	14656	C	ARC	7	223,452	117,257	21.981	1.00		

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ATON	13139	O	ALA	21	291.480	141.826	-25.269	1.00	43.83	G37
ATON	13139	O	ALA	26	291.481	142.882	-24.896	1.00	43.71	G37
ATON	13140	O	ALA	26	291.490	142.136	-27.019	1.00	43.11	G37
ATON	13141	O	ALA	26	291.497	142.162	-26.174	1.00	43.39	G37
ATON	13142	O	ALA	26	291.503	141.846	-26.445	1.00	43.39	G37
ATON	13143	O	ALA	26	291.511	139.785	-26.238	1.00	41.28	G37
ATON	13144	O	ALA	26	291.517	141.461	-26.200	1.00	41.39	G37
ATON	13145	O	ALA	26	291.524	140.757	-26.079	1.00	41.79	G37
ATON	13146	O	ALA	26	291.534	140.230	-26.130	1.00	41.78	G37
ATON	13147	O	ALA	26	291.543	139.985	-26.029	1.00	41.78	G37
ATON	13148	O	ALA	26	291.550	141.451	-25.742	1.00	43.11	G37
ATON	13149	O	ALA	26	291.570	140.335	-25.715	1.00	43.11	G37
ATON	13150	O	ALA	26	291.577	142.167	-25.072	1.00	44.20	G37
ATON	13151	O	ALA	26	291.585	142.005	-25.701	1.00	44.24	G37
ATON	13152	O	ALA	26	291.591	144.005	-25.703	1.00	44.45	G37
ATON	13153	O	ALA	26	291.597	144.002	-25.062	1.00	44.45	G37
ATON	13154	O	ALA	26	291.604	144.970	-24.256	1.00	44.45	G37
ATON	13155	O	ALA	26	291.610	144.971	-25.819	1.00	44.45	G37
ATON	13156	O	ALA	26	291.617	144.972	-25.784	1.00	44.45	G37
ATON	13157	O	ALA	26	291.624	144.973	-25.749	1.00	44.45	G37
ATON	13158	O	ALA	26	291.631	144.974	-25.714	1.00	44.45	G37
ATON	13159	O	ALA	26	291.638	144.975	-25.679	1.00	44.45	G37
ATON	13160	O	ALA	26	291.645	144.976	-25.644	1.00	44.45	G37
ATON	13161	O	ALA	26	291.652	144.977	-25.609	1.00	44.45	G37
ATON	13162	O	ALA	26	291.659	144.978	-25.574	1.00	44.45	G37
ATON	13163	O	ALA	26	291.666	144.979	-25.539	1.00	44.45	G37
ATON	13164	O	ALA	26	291.673	144.980	-25.504	1.00	44.45	G37
ATON	13165	O	ALA	26	291.680	144.981	-25.469	1.00	44.45	G37
ATON	13166	O	ALA	26	291.687	144.982	-25.434	1.00	44.45	G37
ATON	13167	O	ALA	26	291.694	144.983	-25.399	1.00	44.45	G37
ATON	13168	O	ALA	26	291.701	144.984	-25.364	1.00	44.45	G37
ATON	13169	O	ALA	26	291.708	144.985	-25.329	1.00	44.45	G37
ATON	13170	O	ALA	26	291.715	144.986	-25.294	1.00	44.45	G37
ATON	13171	O	ALA	26	291.722	144.987	-25.259	1.00	44.45	G37
ATON	13172	O	ALA	26	291.729	144.988	-25.224	1.00	44.45	G37
ATON	13173	O	ALA	26	291.736	144.989	-25.189	1.00	44.45	G37
ATON	13174	O	ALA	26	291.743	144.990	-25.154	1.00	44.45	G37
ATON	13175	O	ALA	26	291.750	144.991	-25.119	1.00	44.45	G37
ATON	13176	O	ALA	26	291.757	144.992	-25.084	1.00	44.45	G37
ATON	13177	O	ALA	26	291.764	144.993	-25.049	1.00	44.45	G37
ATON	13178	O	ALA	26	291.771	144.994	-25.014	1.00	44.45	G37
ATON	13179	O	ALA	26	291.778	144.995	-24.979	1.00	44.45	G37
ATON	13180	O	ALA	26	291.785	144.996	-24.944	1.00	44.45	G37
ATON	13181	O	ALA	26	291.792	144.997	-24.909	1.00	44.45	G37
ATON	13182	O	ALA	26	291.799	144.998	-24.874	1.00	44.45	G37
ATON	13183	O	ALA	26	291.806	144.999	-24.839	1.00	44.45	G37
ATON	13184	O	ALA	26	291.813	144.999	-24.804	1.00	44.45	G37
ATON	13185	O	ALA	26	291.820	144.999	-24.769	1.00	44.45	G37
ATON	13186	O	ALA	26	291.827	144.999	-24.734	1.00	44.45	G37
ATON	13187	O	ALA	26	291.834	144.999	-24.699	1.00	44.45	G37
ATON	13188	O	ALA	26	291.841	144.999	-24.664	1.00	44.45	G37
ATON	13189	O	ALA	26	291.848	144.999	-24.629	1.00	44.45	G37
ATON	13190	O	ALA	26	291.855	144.999	-24.594	1.00	44.45	G37
ATON	13191	O	ALA	26	291.862	144.999	-24.559	1.00	44.45	G37
ATON	13192	O	ALA	26	291.869	144.999	-24.524	1.00	44.45	G37
ATON	13193	O	ALA	26	291.876	144.999	-24.489	1.00	44.45	G37
ATON	13194	O	ALA	26	291.883	144.999	-24.454	1.00	44.45	G37
ATON	13195	O	ALA	26	291.890	144.999	-24.419	1.00	44.45	G37
ATON	13196	O	ALA	26	291.897	144.999	-24.384	1.00	44.45	G37
ATON	13197	O	ALA	26	291.904	144.999	-24.349	1.00	44.45	G37
ATON	13198	O	ALA	26	291.911	144.999	-24.314	1.00	44.45	G37
ATON	13199	O	ALA	26	291.918	144.999	-24.279	1.00	44.45	G37
ATON	13200	O	ALA	26	291.925	144.999	-24.244	1.00	44.45	G37
ATON	13201	O	ALA	26	291.932	144.999	-24.209	1.00	44.45	G37
ATON	13202	O	ALA	26	291.939	144.999	-24.174	1.00	44.45	G37
ATON	13203	O	ALA	26	291.946	144.999	-24.139	1.00	44.45	G37
ATON	13204	O	ALA	26	291.953	144.999	-24.104	1.00	44.45	G37
ATON	13205	O	ALA	26	291.960	144.999	-24.069	1.00	44.45	G37
ATON	13206	O	ALA	26	291.967	144.999	-24.034	1.00	44.45	G37
ATON	13207	O	ALA	26	291.974	144.999	-23.999	1.00	44.45	G37
ATON	13208	O	ALA	26	291.981	144.999	-23.964	1.00	44.45	G37
ATON	13209	O	ALA	26	291.988	144.999	-23.929	1.00	44.45	G37
ATON	13210	O	ALA	26	291.995	144.999	-23.894	1.00	44.45	G37
ATON	13211	O	ALA	26	292.002	144.999	-23.859	1.00	44.45	G37
ATON	13212	O	ALA	26	292.009	144.999	-23.824	1.00	44.45	G37
ATON	13213	O	ALA	26	292.016	144.999	-23.789	1.00	44.45	G37
ATON	13214	O	ALA	26	292.023	144.999	-23.754	1.00	44.45	G37
ATON	13215	O	ALA	26	292.030	144.999	-23.719	1.00	44.45	G37
ATON	13216	O	ALA	26	292.037	144.999	-23.684	1.00	44.45	G37
ATON	13217	O	ALA	26	292.044	144.999	-23.649	1.00	44.45	G37
ATON	13218	O	ALA	26	292.051	144.999	-23.614	1.00	44.45	G37
ATON	13219	O	ALA	26	292.058	144.999	-23.579	1.00	44.45	G37
ATON	13220	O	ALA	26	292.065	144.999	-23.544	1.00	44.45	G37
ATON	13221	O	ALA	26	292.072	144.999	-23.509	1.00	44.45	G37
ATON	13222	O	ALA	26	292.079	144.999	-23.474	1.00	44.45	G37
ATON	13223	O	ALA	26	292.086	144.999	-23.439	1.00	44.45	G37
ATON	13224	O	ALA	26	292.093	144.999	-23.404	1.00	44.45	G37
ATON	13225	O	ALA	26	292.100	144.999	-23.369	1.00	44.45	G37
ATON	13226	O	ALA	26	292.107	144.999	-23.334	1.00	44.45	G37
ATON	13227	O	ALA	26	292.114	144.999	-23.299	1.00	44.45	G37
ATON	13228	O	ALA	26	292.121	144.999	-23.264	1.00	44.45	G37
ATON	13229	O	ALA	26	292.128	144.999	-23.229	1.00	44.45	G37
ATON	13230	O	ALA	26	292.135	144.999	-23.194	1.00	44.45	G37
ATON	13231	O	ALA	26	292.142	144.999	-23.159	1.00	44.45	G37
ATON	13232	O	ALA	26	292.149	144.999	-23.124	1.00	44.45	G37
ATON	13233	O	ALA	26	292.156	144.999	-23.089	1.00	44.45	G37
ATON	13234	O	ALA	26	292.163	144.999	-23.054	1.00	44.45	G37
ATON	13235	O	ALA	26	292.170	144.999	-23.019	1.00	44.45	G37
ATON	13236	O	ALA	26	292.177	144.999	-22.984	1.00	44.45	G37
ATON	13237	O	ALA	26	292.184	144.999	-22.949	1.00	44.45	G37
ATON	13238	O	ALA	26	292.191	144.999	-22.914	1.00	44.45	G37
ATON	13239	O	ALA	26	292.198	144.999	-22.879	1.00	44.45	G37
ATON	13240	O	ALA	26	292.205	144.999	-22.844	1.00	44.45	G37
ATON	13241	O	ALA	26	292.212	144.999	-22.809	1.00	44.45	G37
ATON	13242	O	ALA	26	292.219	144.999	-22.774	1.00	44.45	G37
ATON	13243	O	ALA	26	292.226	144.999	-22.739	1.00	44.45	G37
ATON	13244	O	ALA	26	292.233	144.999	-22.704	1.00	44.45	G37
ATON	13245	O	ALA	26	292.240	144.999	-22.669	1.00	44.45	G37
ATON	13246	O	ALA	26	292.247	144.999	-22.634	1.00	44.45	G37
ATON	13247	O	ALA	26	292.254	144.999	-22.599	1.00	44.45	G37
ATON	13248	O	ALA	26	292.261	144.999	-22.564	1.00	44.45	G37
ATON	13249	O	ALA	26	292.268	144.999	-22.529	1.00	44.45	G37
ATON	13250	O	ALA	26	292.275	144.999	-22.494	1.00	44.45	G37
ATON	13251	O	ALA	26	292.282	144.999	-22.459	1.00	44.45	G37
ATON	13252	O	ALA	26	292.289	144.999	-22.424	1.00	44.45	G37
ATON	13253	O	ALA	26	292.296	144.999	-22.389	1.00	44.45	G37
ATON	13254	O	ALA	26	292.303	144.999	-22.354	1.00	44.45	G37
ATON	13255	O	ALA	26	292.310	144.999	-22.319	1.00	44.45	G37
ATON	13256	O								

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ATON 13621	C	VAL	61	244.883	141.753	-17.466	1.00	73.81	C61
ATON 13622	C	VAL	61	243.879	141.239	-17.775	1.00	73.81	C61
ATON 13623	C	VAL	61	244.447	141.009	-17.100	1.00	73.81	C61
ATON 13624	C	VAL	61	240.631	142.414	-17.865	1.00	73.13	C61
ATON 13625	C	VAL	61	240.580	141.686	-17.000	1.00	73.13	C61
ATON 13626	C	VAL	61	244.873	141.617	-16.911	1.00	73.03	C61
ATON 13627	C	VAL	61	244.492	142.577	-17.399	1.00	73.83	C61
ATON 13628	C	VAL	61	245.011	141.171	-17.786	1.00	69.62	C61
ATON 13629	C	VAL	61	244.025	141.618	-16.913	1.00	69.62	C61
ATON 13630	C	VAL	61	244.516	140.448	-17.536	1.00	57.10	C61
ATON 13631	C	VAL	61	243.295	141.118	-17.831	1.00	57.10	C61
ATON 13632	C	VAL	61	243.079	142.824	-17.263	1.00	57.10	C61
ATON 13633	C	VAL	61	241.841	143.093	-17.858	1.00	57.10	C61
ATON 13634	C	VAL	61	241.056	141.547	-17.647	1.00	57.10	C61
ATON 13635	C	VAL	61	241.190	144.789	-17.847	1.00	57.10	C61
ATON 13636	C	VAL	61	240.482	143.493	-17.310	1.00	57.10	C61
ATON 13637	C	VAL	61	241.354	142.579	-17.804	1.00	69.62	C61
ATON 13638	C	VAL	61	242.075	142.529	-17.794	1.00	69.62	C61
ATON 13639	C	VAL	61	241.027	144.713	-16.182	1.00	73.84	C61
ATON 13640	C	VAL	61	241.481	144.044	-16.745	1.00	73.84	C61
ATON 13641	C	VAL	61	241.558	146.270	-17.354	1.00	69.62	C61
ATON 13642	C	VAL	61	241.135	147.290	-16.561	1.00	69.62	C61
ATON 13643	C	VAL	61	239.425	140.004	-16.415	1.00	69.62	C61
ATON 13644	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13645	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13646	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13647	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13648	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13649	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13650	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13651	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13652	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13653	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13654	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13655	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13656	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13657	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13658	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13659	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13660	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13661	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13662	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13663	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13664	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13665	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13666	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13667	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13668	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13669	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13670	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13671	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13672	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13673	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13674	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13675	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13676	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13677	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13678	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13679	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13680	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13681	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13682	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13683	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13684	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13685	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13686	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13687	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13688	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13689	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13690	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13691	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13692	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13693	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13694	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13695	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13696	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13697	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13698	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13699	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13700	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13701	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13702	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13703	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13704	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13705	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13706	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13707	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13708	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13709	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13710	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13711	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13712	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13713	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13714	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13715	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13716	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13717	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13718	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13719	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13720	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13721	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13722	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13723	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13724	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13725	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13726	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13727	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13728	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13729	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13730	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13731	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13732	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13733	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61
ATON 13734	C	VAL	61	239.016	141.363	-16.954	1.00	69.62	C61

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ATON	15510	C	CLP	96	230.793	137.463	-37.806	1.00	66.42	C51
ATON	15511	C	CLP	96	230.666	137.833	-38.313	1.00	66.42	C51
ATON	15512	C	CLP	96	229.976	136.573	-36.472	1.00	66.48	C51
ATON	15513	C	CLP	96	230.060	135.705	-36.331	1.00	66.48	C51
ATON	15514	C	CLP	96	226.212	135.823	-36.319	1.00	66.48	C51
ATON	15515	C	CLP	96	231.395	135.831	-35.016	1.00	66.40	C51
ATON	15516	C	CLP	96	231.399	137.138	-34.927	1.00	66.40	C51
ATON	15517	C	CLP	96	231.400	139.238	-34.443	1.00	66.40	C51
ATON	15518	C	CLP	97	232.738	139.733	-33.655	1.00	62.83	C51
ATON	15519	C	CLP	97	232.490	141.173	-33.182	1.00	62.83	C51
ATON	15520	C	CLP	97	231.453	141.722	-32.710	1.00	62.83	C51
ATON	15521	C	CLP	97	232.071	141.047	-31.567	1.00	62.83	C51
ATON	15522	C	CLP	97	232.090	141.070	-32.236	1.00	62.83	C51
ATON	15523	C	CLP	97	232.763	143.020	-30.267	1.00	62.83	C51
ATON	15524	C	CLP	97	232.032	138.057	-33.449	1.00	62.83	C51
ATON	15525	C	CLP	97	234.147	140.438	-32.187	1.00	62.83	C51
ATON	15526	C	CLP	96	231.933	138.564	-31.727	1.00	62.83	C51
ATON	15527	C	CLP	96	232.036	137.763	-30.936	1.00	62.83	C51
ATON	15528	C	CLP	96	230.679	137.397	-30.043	1.00	62.83	C51
ATON	15529	C	CLP	96	235.043	138.401	-29.580	1.00	62.83	C51
ATON	15530	C	CLP	96	231.975	136.457	-30.709	1.00	62.83	C51
ATON	15531	C	CLP	96	235.048	136.171	-30.078	1.00	62.83	C51
ATON	15532	C	CLP	96	232.474	135.710	-31.027	1.00	62.83	C51
ATON	15533	C	CLP	96	232.134	137.409	-32.212	1.00	62.83	C51
ATON	15534	C	CLP	96	231.435	137.057	-33.295	1.00	62.83	C51
ATON	15535	C	CLP	96	231.105	132.270	-33.020	1.00	62.83	C51
ATON	15536	C	CLP	96	230.386	132.990	-34.263	1.00	62.83	C51
ATON	15537	C	CLP	96	231.388	131.022	-33.284	1.00	62.83	C51
ATON	15538	C	CLP	96	234.640	134.720	-32.867	1.00	62.83	C51
ATON	15539	C	CLP	96	230.561	133.571	-32.169	1.00	62.83	C51
ATON	15540	C	CLP	96	234.076	136.744	-32.169	1.00	62.83	C51
ATON	15541	C	CLP	96	230.233	133.005	-33.743	1.00	62.83	C51
ATON	15542	C	CLP	100	234.161	137.371	-31.699	1.00	62.83	C51
ATON	15543	C	CLP	100	237.188	136.358	-31.571	1.00	62.83	C51
ATON	15544	C	CLP	100	236.248	135.702	-32.456	1.00	62.83	C51
ATON	15545	C	CLP	101	236.021	137.302	-31.693	1.00	62.83	C51
ATON	15546	C	CLP	101	231.086	137.069	-30.553	1.00	62.83	C51
ATON	15547	C	CLP	101	237.120	139.758	-29.727	1.00	62.83	C51
ATON	15548	C	CLP	101	236.941	139.945	-29.483	1.00	62.83	C51
ATON	15549	C	CLP	101	236.451	141.170	-29.310	1.00	62.83	C51
ATON	15550	C	CLP	101	237.412	140.318	-28.566	1.00	62.83	C51
ATON	15551	C	CLP	101	236.991	136.100	-29.665	1.00	62.83	C51
ATON	15552	C	CLP	101	236.991	136.217	-29.197	1.00	62.83	C51
ATON	15553	C	CLP	102	236.974	136.431	-29.066	1.00	62.83	C51
ATON	15554	C	CLP	102	236.941	134.437	-28.629	1.00	62.83	C51
ATON	15555	C	CLP	102	235.631	133.722	-28.051	1.00	62.83	C51
ATON	15556	C	CLP	102	235.781	132.451	-27.682	1.00	62.83	C51
ATON	15557	C	CLP	102	236.462	131.754	-27.425	1.00	62.83	C51
ATON	15558	C	CLP	102	235.824	132.075	-26.911	1.00	62.83	C51
ATON	15559	C	CLP	102	232.229	132.071	-27.261	1.00	62.83	C51
ATON	15560	C	CLP	102	231.664	132.078	-26.310	1.00	62.83	C51
ATON	15561	C	CLP	102	231.506	132.763	-26.073	1.00	62.83	C51
ATON	15562	C	CLP	102	237.873	133.485	-25.241	1.00	62.83	C51
ATON	15563	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15564	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15565	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15566	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15567	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15568	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15569	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15570	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15571	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15572	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15573	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15574	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15575	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15576	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15577	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15578	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15579	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15580	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15581	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15582	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15583	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15584	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15585	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15586	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15587	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15588	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15589	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15590	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15591	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15592	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15593	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15594	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15595	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15596	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15597	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15598	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15599	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15600	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15601	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15602	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15603	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15604	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15605	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15606	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15607	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15608	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15609	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15610	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15611	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15612	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15613	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15614	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15615	C	CLP	102	236.001	132.827	-26.596	1.00	62.83	C51
ATON	15616	C	CLP	102	237.709	131.202	-26.550	1.00	62.83	C51
ATON	15617	C	CLP	102	236.001	132.827</				

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ATON	11984	C	GLT	122	244.982	121.178	-34.983	1.00	82.47	CST
ATON	11985	C	GLT	123	244.010	120.273	-37.723	1.00	82.47	CST
ATON	11986	C	GLT	124	244.004	120.012	-33.763	1.00	75.31	CST
ATON	11987	C	GLT	125	243.761	119.818	-33.275	1.00	75.31	CST
ATON	11988	C	GLT	126	243.389	119.889	-35.967	1.00	75.31	CST
ATON	11989	C	GLT	127	243.469	120.089	-33.903	1.00	75.31	CST
ATON	11990	C	GLT	128	243.667	120.181	-35.211	1.00	84.40	CST
ATON	11991	C	GLT	129	243.829	121.131	-35.423	1.00	84.40	CST
ATON	11992	C	GLT	130	243.187	121.240	-35.334	1.00	82.44	CST
ATON	11993	C	GLT	131	240.984	120.913	-36.781	1.00	84.40	CST
ATON	11994	C	GLT	132	239.623	120.570	-36.091	1.00	84.40	CST
ATON	11995	C	GLT	133	241.703	121.143	-37.823	1.00	84.40	CST
ATON	11996	C	GLT	134	241.313	120.960	-39.293	1.00	84.40	CST
ATON	11997	C	GLT	135	242.474	121.307	-40.100	1.00	87.45	CST
ATON	11998	C	GLT	136	241.873	121.006	-41.514	1.00	87.45	CST
ATON	11999	C	GLT	137	243.178	121.544	-39.741	1.00	87.45	CST
ATON	12000	C	GLT	138	240.793	120.575	-39.884	1.00	84.40	CST
ATON	12001	C	GLT	139	239.707	120.432	-40.870	1.00	84.40	CST
ATON	12002	C	GLT	140	241.533	120.530	-39.876	1.00	81.81	CST
ATON	12003	C	GLT	141	241.185	121.183	-37.918	1.00	81.81	CST
ATON	12004	C	GLT	142	242.011	121.100	-36.245	1.00	81.81	CST
ATON	12005	C	GLT	143	242.011	121.100	-36.245	1.00	81.81	CST
ATON	12006	C	GLT	144	241.475	121.195	-39.867	1.00	81.81	CST
ATON	12007	C	GLT	145	244.318	121.342	-36.857	1.00	81.81	CST
ATON	12008	C	GLT	146	245.782	121.342	-36.857	1.00	81.81	CST
ATON	12009	C	GLT	147	246.705	121.728	-37.244	1.00	81.81	CST
ATON	12010	C	GLT	148	279.665	121.011	-38.749	1.00	81.81	CST
ATON	12011	C	GLT	149	246.799	121.547	-39.447	1.00	81.81	CST
ATON	12012	C	GLT	150	239.475	121.479	-37.511	1.00	81.81	CST
ATON	12013	C	GLT	151	239.142	121.000	-36.900	1.00	81.81	CST
ATON	12014	C	GLT	152	239.186	120.963	-35.511	1.00	70.42	CST
ATON	12015	C	GLT	153	234.862	121.992	-34.767	1.00	70.42	CST
ATON	12016	C	GLT	154	236.470	122.046	-35.743	1.00	70.42	CST
ATON	12017	C	GLT	155	237.175	122.116	-35.743	1.00	70.42	CST
ATON	12018	C	GLT	156	237.709	121.005	-33.627	1.00	70.42	CST
ATON	12019	C	GLT	157	237.185	120.719	-35.961	1.00	70.42	CST
ATON	12020	C	GLT	158	236.295	121.022	-41.862	1.00	57.76	CST
ATON	12021	C	GLT	159	235.481	120.576	-45.452	1.00	57.76	CST
ATON	12022	C	GLT	160	236.135	120.363	-40.300	1.00	60.11	CST
ATON	12023	C	GLT	161	236.196	120.935	-40.476	1.00	60.11	CST
ATON	12024	C	GLT	162	236.749	121.010	-40.476	1.00	60.11	CST
ATON	12025	C	GLT	163	236.634	121.017	-39.018	1.00	60.11	CST
ATON	12026	C	GLT	164	236.564	121.017	-39.018	1.00	60.11	CST
ATON	12027	C	GLT	165	236.475	121.171	-40.319	1.00	60.11	CST
ATON	12028	C	GLT	166	231.925	121.164	-40.071	1.00	60.11	CST
ATON	12029	C	GLT	167	231.718	120.719	-39.461	1.00	60.11	CST
ATON	12030	C	GLT	168	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12031	C	GLT	169	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12032	C	GLT	170	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12033	C	GLT	171	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12034	C	GLT	172	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12035	C	GLT	173	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12036	C	GLT	174	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12037	C	GLT	175	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12038	C	GLT	176	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12039	C	GLT	177	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12040	C	GLT	178	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12041	C	GLT	179	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12042	C	GLT	180	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12043	C	GLT	181	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12044	C	GLT	182	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12045	C	GLT	183	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12046	C	GLT	184	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12047	C	GLT	185	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12048	C	GLT	186	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12049	C	GLT	187	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12050	C	GLT	188	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12051	C	GLT	189	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12052	C	GLT	190	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12053	C	GLT	191	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12054	C	GLT	192	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12055	C	GLT	193	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12056	C	GLT	194	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12057	C	GLT	195	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12058	C	GLT	196	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12059	C	GLT	197	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12060	C	GLT	198	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12061	C	GLT	199	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12062	C	GLT	200	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12063	C	GLT	201	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12064	C	GLT	202	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12065	C	GLT	203	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12066	C	GLT	204	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12067	C	GLT	205	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12068	C	GLT	206	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12069	C	GLT	207	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12070	C	GLT	208	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12071	C	GLT	209	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12072	C	GLT	210	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12073	C	GLT	211	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12074	C	GLT	212	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12075	C	GLT	213	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12076	C	GLT	214	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12077	C	GLT	215	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12078	C	GLT	216	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12079	C	GLT	217	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12080	C	GLT	218	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12081	C	GLT	219	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12082	C	GLT	220	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12083	C	GLT	221	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12084	C	GLT	222	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12085	C	GLT	223	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12086	C	GLT	224	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12087	C	GLT	225	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12088	C	GLT	226	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12089	C	GLT	227	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12090	C	GLT	228	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12091	C	GLT	229	232.087	120.480	-39.381	1.00	60.11	CST
ATON	12092	C	GLT	230						

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ATON	16291	CA	11A	21	218.549	119.374	-64.049	1.00	61.13	8311
ATON	16292	CA	11A	21	218.552	120.324	-64.142	1.00	61.12	8312
ATON	16293	CC	11A	21	218.618	120.731	-64.041	1.00	61.12	8313
ATON	16294	CC	11A	21	218.700	121.730	-64.041	1.00	61.12	8314
ATON	16295	CC	11A	21	218.782	122.731	-64.041	1.00	61.12	8315
ATON	16296	CC	11A	21	218.864	123.731	-64.041	1.00	61.12	8316
ATON	16297	CC	11A	21	218.946	124.731	-64.041	1.00	61.12	8317
ATON	16298	CC	11A	21	219.028	125.731	-64.041	1.00	61.12	8318
ATON	16299	CC	11A	21	219.110	126.731	-64.041	1.00	61.12	8319
ATON	16300	CC	11A	21	219.192	127.731	-64.041	1.00	61.12	8320
ATON	16301	CC	11A	21	219.274	128.731	-64.041	1.00	61.12	8321
ATON	16302	CC	11A	21	219.356	129.731	-64.041	1.00	61.12	8322
ATON	16303	CC	11A	21	219.438	130.731	-64.041	1.00	61.12	8323
ATON	16304	CC	11A	21	219.520	131.731	-64.041	1.00	61.12	8324
ATON	16305	CC	11A	21	219.602	132.731	-64.041	1.00	61.12	8325
ATON	16306	CC	11A	21	219.684	133.731	-64.041	1.00	61.12	8326
ATON	16307	CC	11A	21	219.766	134.731	-64.041	1.00	61.12	8327
ATON	16308	CC	11A	21	219.848	135.731	-64.041	1.00	61.12	8328
ATON	16309	CC	11A	21	219.930	136.731	-64.041	1.00	61.12	8329
ATON	16310	CC	11A	21	220.012	137.731	-64.041	1.00	61.12	8330
ATON	16311	CC	11A	21	220.094	138.731	-64.041	1.00	61.12	8331
ATON	16312	CC	11A	21	220.176	139.731	-64.041	1.00	61.12	8332
ATON	16313	CC	11A	21	220.258	140.731	-64.041	1.00	61.12	8333
ATON	16314	CC	11A	21	220.340	141.731	-64.041	1.00	61.12	8334
ATON	16315	CC	11A	21	220.422	142.731	-64.041	1.00	61.12	8335
ATON	16316	CC	11A	21	220.504	143.731	-64.041	1.00	61.12	8336
ATON	16317	CC	11A	21	220.586	144.731	-64.041	1.00	61.12	8337
ATON	16318	CC	11A	21	220.668	145.731	-64.041	1.00	61.12	8338
ATON	16319	CC	11A	21	220.750	146.731	-64.041	1.00	61.12	8339
ATON	16320	CC	11A	21	220.832	147.731	-64.041	1.00	61.12	8340
ATON	16321	CC	11A	21	220.914	148.731	-64.041	1.00	61.12	8341
ATON	16322	CC	11A	21	220.996	149.731	-64.041	1.00	61.12	8342
ATON	16323	CC	11A	21	221.078	150.731	-64.041	1.00	61.12	8343
ATON	16324	CC	11A	21	221.160	151.731	-64.041	1.00	61.12	8344
ATON	16325	CC	11A	21	221.242	152.731	-64.041	1.00	61.12	8345
ATON	16326	CC	11A	21	221.324	153.731	-64.041	1.00	61.12	8346
ATON	16327	CC	11A	21	221.406	154.731	-64.041	1.00	61.12	8347
ATON	16328	CC	11A	21	221.488	155.731	-64.041	1.00	61.12	8348
ATON	16329	CC	11A	21	221.570	156.731	-64.041	1.00	61.12	8349
ATON	16330	CC	11A	21	221.652	157.731	-64.041	1.00	61.12	8350
ATON	16331	CC	11A	21	221.734	158.731	-64.041	1.00	61.12	8351
ATON	16332	CC	11A	21	221.816	159.731	-64.041	1.00	61.12	8352
ATON	16333	CC	11A	21	221.898	160.731	-64.041	1.00	61.12	8353
ATON	16334	CC	11A	21	221.980	161.731	-64.041	1.00	61.12	8354
ATON	16335	CC	11A	21	222.062	162.731	-64.041	1.00	61.12	8355
ATON	16336	CC	11A	21	222.144	163.731	-64.041	1.00	61.12	8356
ATON	16337	CC	11A	21	222.226	164.731	-64.041	1.00	61.12	8357
ATON	16338	CC	11A	21	222.308	165.731	-64.041	1.00	61.12	8358
ATON	16339	CC	11A	21	222.390	166.731	-64.041	1.00	61.12	8359
ATON	16340	CC	11A	21	222.472	167.731	-64.041	1.00	61.12	8360
ATON	16341	CC	11A	21	222.554	168.731	-64.041	1.00	61.12	8361
ATON	16342	CC	11A	21	222.636	169.731	-64.041	1.00	61.12	8362
ATON	16343	CC	11A	21	222.718	170.731	-64.041	1.00	61.12	8363
ATON	16344	CC	11A	21	222.800	171.731	-64.041	1.00	61.12	8364
ATON	16345	CC	11A	21	222.882	172.731	-64.041	1.00	61.12	8365
ATON	16346	CC	11A	21	222.964	173.731	-64.041	1.00	61.12	8366
ATON	16347	CC	11A	21	223.046	174.731	-64.041	1.00	61.12	8367
ATON	16348	CC	11A	21	223.128	175.731	-64.041	1.00	61.12	8368
ATON	16349	CC	11A	21	223.210	176.731	-64.041	1.00	61.12	8369
ATON	16350	CC	11A	21	223.292	177.731	-64.041	1.00	61.12	8370
ATON	16351	CC	11A	21	223.374	178.731	-64.041	1.00	61.12	8371
ATON	16352	CC	11A	21	223.456	179.731	-64.041	1.00	61.12	8372
ATON	16353	CC	11A	21	223.538	180.731	-64.041	1.00	61.12	8373
ATON	16354	CC	11A	21	223.620	181.731	-64.041	1.00	61.12	8374
ATON	16355	CC	11A	21	223.702	182.731	-64.041	1.00	61.12	8375
ATON	16356	CC	11A	21	223.784	183.731	-64.041	1.00	61.12	8376
ATON	16357	CC	11A	21	223.866	184.731	-64.041	1.00	61.12	8377
ATON	16358	CC	11A	21	223.948	185.731	-64.041	1.00	61.12	8378
ATON	16359	CC	11A	21	224.030	186.731	-64.041	1.00	61.12	8379
ATON	16360	CC	11A	21	224.112	187.731	-64.041	1.00	61.12	8380
ATON	16361	CC	11A	21	224.194	188.731	-64.041	1.00	61.12	8381
ATON	16362	CC	11A	21	224.276	189.731	-64.041	1.00	61.12	8382
ATON	16363	CC	11A	21	224.358	190.731	-64.041	1.00	61.12	8383
ATON	16364	CC	11A	21	224.440	191.731	-64.041	1.00	61.12	8384
ATON	16365	CC	11A	21	224.522	192.731	-64.041	1.00	61.12	8385
ATON	16366	CC	11A	21	224.604	193.731	-64.041	1.00	61.12	8386
ATON	16367	CC	11A	21	224.686	194.731	-64.041	1.00	61.12	8387
ATON	16368	CC	11A	21	224.768	195.731	-64.041	1.00	61.12	8388
ATON	16369	CC	11A	21	224.850	196.731	-64.041	1.00	61.12	8389
ATON	16370	CC	11A	21	224.932	197.731	-64.041	1.00	61.12	8390
ATON	16371	CC	11A	21	225.014	198.731	-64.041	1.00	61.12	8391
ATON	16372	CC	11A	21	225.096	199.731	-64.041	1.00	61.12	8392
ATON	16373	CC	11A	21	225.178	200.731	-64.041	1.00	61.12	8393
ATON	16374	CC	11A	21	225.260	201.731	-64.041	1.00	61.12	8394
ATON	16375	CC	11A	21	225.342	202.731	-64.041	1.00	61.12	8395
ATON	16376	CC	11A	21	225.424	203.731	-64.041	1.00	61.12	8396
ATON	16377	CC	11A	21	225.506	204.731	-64.041	1.00	61.12	8397
ATON	16378	CC	11A	21	225.588	205.731	-64.041	1.00	61.12	8398
ATON	16379	CC	11A	21	225.670	206.731	-64.041	1.00	61.12	8399
ATON	16380	CC	11A	21	225.752	207.731	-64.041	1.00	61.12	8400
ATON	16381	CC	11A	21	225.834	208.731	-64.041	1.00	61.12	8401
ATON	16382	CC	11A	21	225.916	209.731	-64.041	1.00	61.12	8402
ATON	16383	CC	11A	21	226.000	210.731	-64.041	1.00	61.12	8403
ATON	16384	CC	11A	21	226.080	211.731	-64.041	1.00	61.12	8404
ATON	16385	CC	11A	21	226.160	212.731	-64.041	1.00	61.12	8405
ATON	16386	CC	11A	21	226.240	213.731	-64.041	1.00	61.12	8406
ATON	16387	CC	11A	21	226.320	214.731	-64.041	1.00	61.12	8407
ATON	16388	CC	11A	21	226.400	215.731	-64.041	1.00	61.12	8408
ATON	16389	CC	11A	21	226.480	216.731	-64.041	1.00	61.12	8409
ATON	16390	CC	11A	21	226.560	217.731	-64.041	1.00	61.12	8410
ATON	16391	CC	11A	21	226.640	218.731	-64.041	1.00	61.12	8411
ATON	16392	CC	11A	21	226.720	219.731	-64.041	1.00	61.12	8412
ATON	16393	CC	11A	21	226.800	220.731	-64.041	1.00	61.12	8413
ATON	16394	CC	11A	21	226.880	221.731	-64.041	1.00	61.12	8414
ATON	16395	CC								

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ATON 160531	CE	CLP	99	211.447	132.137	-42.324	1.00	92.12	8311
ATON 160532	CE	CLP	99	212.044	131.991	-44.540	1.00	92.13	8311
ATON 160533	CE	CLP	99	213.421	131.944	-44.917	1.00	92.14	8311
ATON 160534	CE	CLP	99	214.777	132.184	-45.511	1.00	92.15	8311
ATON 160535	CE	CLP	99	216.224	132.444	-46.073	1.00	92.16	8311
ATON 160536	CE	CLP	99	217.643	131.713	-44.901	1.00	92.17	8311
ATON 160537	CE	CLP	99	219.041	130.922	-44.000	1.00	92.18	8311
ATON 160538	CE	CLP	99	220.414	130.016	-43.214	1.00	92.19	8311
ATON 160539	CE	CLP	99	221.767	130.042	-44.369	1.00	92.20	8311
ATON 160540	CE	CLP	99	223.100	130.004	-44.993	1.00	92.21	8311
ATON 160541	CE	CLP	99	224.414	129.266	-44.164	1.00	92.22	8311
ATON 160542	CE	CLP	99	225.706	129.163	-44.576	1.00	92.23	8311
ATON 160543	CE	CLP	99	227.044	129.013	-44.962	1.00	92.24	8311
ATON 160544	CE	CLP	99	228.421	128.871	-45.317	1.00	92.25	8311
ATON 160545	CE	CLP	99	229.841	128.719	-45.641	1.00	92.26	8311
ATON 160546	CE	CLP	99	231.300	128.544	-45.934	1.00	92.27	8311
ATON 160547	CE	CLP	99	232.800	128.344	-46.199	1.00	92.28	8311
ATON 160548	CE	CLP	99	234.341	128.119	-46.434	1.00	92.29	8311
ATON 160549	CE	CLP	99	235.914	127.864	-46.634	1.00	92.30	8311
ATON 160550	CE	CLP	99	237.521	127.584	-46.804	1.00	92.31	8311
ATON 160551	CE	CLP	99	239.164	127.279	-46.944	1.00	92.32	8311
ATON 160552	CE	CLP	99	240.841	126.944	-47.054	1.00	92.33	8311
ATON 160553	CE	CLP	99	242.554	126.584	-47.134	1.00	92.34	8311
ATON 160554	CE	CLP	99	244.301	126.204	-47.184	1.00	92.35	8311
ATON 160555	CE	CLP	99	246.074	125.804	-47.204	1.00	92.36	8311
ATON 160556	CE	CLP	99	247.881	125.384	-47.194	1.00	92.37	8311
ATON 160557	CE	CLP	99	249.714	124.944	-47.154	1.00	92.38	8311
ATON 160558	CE	CLP	99	251.574	124.484	-47.084	1.00	92.39	8311
ATON 160559	CE	CLP	99	253.461	124.004	-46.984	1.00	92.40	8311
ATON 160560	CE	CLP	99	255.374	123.504	-46.854	1.00	92.41	8311
ATON 160561	CE	CLP	99	257.314	122.984	-46.694	1.00	92.42	8311
ATON 160562	CE	CLP	99	259.281	122.444	-46.504	1.00	92.43	8311
ATON 160563	CE	CLP	99	261.274	121.884	-46.284	1.00	92.44	8311
ATON 160564	CE	CLP	99	263.291	121.304	-46.034	1.00	92.45	8311
ATON 160565	CE	CLP	99	265.334	120.704	-45.754	1.00	92.46	8311
ATON 160566	CE	CLP	99	267.401	120.084	-45.444	1.00	92.47	8311
ATON 160567	CE	CLP	99	269.494	119.444	-45.104	1.00	92.48	8311
ATON 160568	CE	CLP	99	271.614	118.784	-44.734	1.00	92.49	8311
ATON 160569	CE	CLP	99	273.754	118.104	-44.334	1.00	92.50	8311
ATON 160570	CE	CLP	99	275.914	117.404	-43.904	1.00	92.51	8311
ATON 160571	CE	CLP	99	278.094	116.684	-43.444	1.00	92.52	8311
ATON 160572	CE	CLP	99	280.294	115.944	-42.954	1.00	92.53	8311
ATON 160573	CE	CLP	99	282.514	115.184	-42.434	1.00	92.54	8311
ATON 160574	CE	CLP	99	284.754	114.404	-41.884	1.00	92.55	8311
ATON 160575	CE	CLP	99	287.014	113.604	-41.304	1.00	92.56	8311
ATON 160576	CE	CLP	99	289.294	112.784	-40.694	1.00	92.57	8311
ATON 160577	CE	CLP	99	291.594	111.944	-40.054	1.00	92.58	8311
ATON 160578	CE	CLP	99	293.914	111.084	-39.384	1.00	92.59	8311
ATON 160579	CE	CLP	99	296.254	110.204	-38.684	1.00	92.60	8311
ATON 160580	CE	CLP	99	298.614	109.304	-37.954	1.00	92.61	8311
ATON 160581	CE	CLP	99	300.994	108.384	-37.194	1.00	92.62	8311
ATON 160582	CE	CLP	99	303.394	107.444	-36.404	1.00	92.63	8311
ATON 160583	CE	CLP	99	305.814	106.484	-35.584	1.00	92.64	8311
ATON 160584	CE	CLP	99	308.254	105.504	-34.734	1.00	92.65	8311
ATON 160585	CE	CLP	99	310.714	104.504	-33.854	1.00	92.66	8311
ATON 160586	CE	CLP	99	313.194	103.484	-32.944	1.00	92.67	8311
ATON 160587	CE	CLP	99	315.694	102.444	-32.004	1.00	92.68	8311
ATON 160588	CE	CLP	99	318.214	101.384	-31.034	1.00	92.69	8311
ATON 160589	CE	CLP	99	320.754	100.304	-30.034	1.00	92.70	8311
ATON 160590	CE	CLP	99	323.314	99.204	-29.004	1.00	92.71	8311
ATON 160591	CE	CLP	99	325.894	98.084	-27.944	1.00	92.72	8311
ATON 160592	CE	CLP	99	328.494	96.944	-26.854	1.00	92.73	8311
ATON 160593	CE	CLP	99	331.114	95.784	-25.734	1.00	92.74	8311
ATON 160594	CE	CLP	99	333.754	94.604	-24.584	1.00	92.75	8311
ATON 160595	CE	CLP	99	336.414	93.404	-23.404	1.00	92.76	8311
ATON 160596	CE	CLP	99	339.094	92.184	-22.194	1.00	92.77	8311
ATON 160597	CE	CLP	99	341.794	90.944	-20.954	1.00	92.78	8311
ATON 160598	CE	CLP	99	344.514	89.684	-19.684	1.00	92.79	8311
ATON 160599	CE	CLP	99	347.254	88.404	-18.384	1.00	92.80	8311
ATON 160600	CE	CLP	99	350.014	87.104	-17.054	1.00	92.81	8311
ATON 160601	CE	CLP	99	352.794	85.784	-15.694	1.00	92.82	8311
ATON 160602	CE	CLP	99	355.594	84.444	-14.304	1.00	92.83	8311
ATON 160603	CE	CLP	99	358.414	83.084	-12.884	1.00	92.84	8311
ATON 160604	CE	CLP	99	361.254	81.704	-11.434	1.00	92.85	8311
ATON 160605	CE	CLP	99	364.114	80.304	-9.954	1.00	92.86	8311
ATON 160606	CE	CLP	99	367.004	78.884	-8.454	1.00	92.87	8311
ATON 160607	CE	CLP	99	370.004	77.444	-6.934	1.00	92.88	8311
ATON 160608	CE	CLP	99	373.004	75.984	-5.394	1.00	92.89	8311
ATON 160609	CE	CLP	99	376.004	74.504	-3.834	1.00	92.90	8311
ATON 160610	CE	CLP	99	379.004	73.004	-2.254	1.00	92.91	8311
ATON 160611	CE	CLP	99	382.004	71.484	-0.654	1.00	92.92	8311
ATON 160612	CE	CLP	99	385.004	69.944	0.944	1.00	92.93	8311
ATON 160613	CE	CLP	99	388.004	68.384	2.544	1.00	92.94	8311
ATON 160614	CE	CLP	99	391.004	66.804	4.144	1.00	92.95	8311
ATON 160615	CE	CLP	99	394.004	65.204	5.744	1.00	92.96	8311
ATON 160616	CE	CLP	99	397.004	63.584	7.344	1.00	92.97	8311
ATON 160617	CE	CLP	99	400.004	61.944	8.944	1.00	92.98	8311
ATON 160618	CE	CLP	99	403.004	60.284	10.544	1.00	92.99	8311
ATON 160619	CE	CLP	99	406.004	58.604	12.144	1.00	93.00	8311
ATON 160620	CE	CLP	99	409.004	56.904	13.744	1.00	93.01	8311
ATON 160621	CE	CLP	99	412.004	55.184	15.344	1.00	93.02	8311
ATON 160622	CE	CLP	99	415.004	53.444	16.944	1.00	93.03	8311
ATON 160623	CE	CLP	99	418.004	51.684	18.544	1.00	93.04	8311
ATON 160624	CE	CLP	99	421.004	49.904	20.144	1.00	93.05	8311
ATON 160625	CE	CLP	99	424.004	48.104	21.744	1.00	93.06	8311
ATON 160626	CE	CLP	99	427.004	46.284	23.344	1.00	93.07	8311
ATON 160627	CE	CLP	99	430.004	44.444	24.944	1.00	93.08	8311
ATON 160628	CE	CLP	99	433.004	42.584	26.544	1.00	93.09	8311
ATON 160629	CE	CLP	99	436.004	40.704	28.144	1.00	93.10	8311
ATON 160630	CE	CLP	99	439.004	38.804	29.744	1.00	93.11	8311
ATON 160631	CE	CLP	99	442.004	36.884	31.344	1.00	93.12	8311
ATON 160632	CE	CLP	99	445.004	34.944	32.944	1.00	93.13	8311
ATON 160633	CE	CLP	99	448.004	32.984	34.544	1.00	93.14	8311
ATON 160634	CE	CLP	99	451.004	31.004	36.144	1.00	93.15	8311
ATON 160635	CE	CLP	99	454.004	29.004	37.744	1.00	93.16	8311
ATON 160636	CE	CLP	99	457.004	27.004	39.344	1.00	93.17	8311
ATON 160637	CE	CLP	99	460.004	25.004	40.944	1.00	93.18	8311
ATON 160638	CE	CLP	99	463.004	23.004	42.544	1.00	93.19	8311
ATON 160639	CE	CLP	99	466.004	21.004	44.144	1.00	93.20	8311

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ATON	19176	P	02A	42	131.011	89.369	32.929	1.00	51.86	A163
ATON	19177	01P	02A	42	131.014	78.486	31.413	1.00	51.86	A164
ATON	19178	02P	02A	42	131.100	79.036	32.706	1.00	51.86	A165
ATON	19179	03P	02A	42	131.193	81.411	33.995	1.00	51.86	A166
ATON	19180	C1	02A	42	131.102	82.212	33.219	1.00	51.86	A167
ATON	19181	C1	02A	42	131.012	82.211	33.230	1.00	51.86	A168
ATON	19182	04P	02A	42	131.028	84.253	35.067	1.00	51.86	A169
ATON	19183	C1	02A	42	131.012	84.401	35.130	1.00	51.86	A170
ATON	19184	05P	02A	42	131.300	84.433	35.262	1.00	51.86	A171
ATON	19185	C1	02A	42	131.095	85.081	35.190	1.00	51.86	A172
ATON	19186	C2	02A	42	131.120	85.113	35.178	1.00	51.86	A173
ATON	19187	C2	02A	42	131.143	85.265	35.300	1.00	51.86	A174
ATON	19188	02	02A	42	131.171	87.124	37.074	1.00	51.86	A175
ATON	19189	C1	02A	42	131.114	87.566	37.234	1.00	51.86	A176
ATON	19190	C4	02A	42	131.014	88.431	38.073	1.00	51.86	A177
ATON	19191	06	02A	42	131.103	89.408	39.044	1.00	51.86	A178
ATON	19192	C3	02A	42	131.108	89.440	39.124	1.00	51.86	A179
ATON	19193	07	02A	42	131.341	93.364	43.167	1.00	51.86	A180
ATON	19194	08	02A	42	131.370	93.378	43.231	1.00	51.86	A181
ATON	19195	C1	02A	42	131.351	93.401	43.299	1.00	51.86	A182
ATON	19196	09	02A	42	131.370	94.409	44.224	1.00	51.86	A183
ATON	19197	C1	02A	42	131.392	94.443	44.333	1.00	51.86	A184
ATON	19198	02	02A	42	131.548	97.027	47.074	1.00	51.86	A185
ATON	19199	P	02A	42	131.450	97.700	47.680	1.00	51.86	A186
ATON	19200	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A187
ATON	19201	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A188
ATON	19202	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A189
ATON	19203	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A190
ATON	19204	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A191
ATON	19205	P	02A	42	131.450	97.700	47.680	1.00	51.86	A192
ATON	19206	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A193
ATON	19207	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A194
ATON	19208	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A195
ATON	19209	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A196
ATON	19210	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A197
ATON	19211	P	02A	42	131.450	97.700	47.680	1.00	51.86	A198
ATON	19212	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A199
ATON	19213	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A200
ATON	19214	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A201
ATON	19215	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A202
ATON	19216	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A203
ATON	19217	P	02A	42	131.450	97.700	47.680	1.00	51.86	A204
ATON	19218	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A205
ATON	19219	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A206
ATON	19220	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A207
ATON	19221	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A208
ATON	19222	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A209
ATON	19223	P	02A	42	131.450	97.700	47.680	1.00	51.86	A210
ATON	19224	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A211
ATON	19225	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A212
ATON	19226	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A213
ATON	19227	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A214
ATON	19228	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A215
ATON	19229	P	02A	42	131.450	97.700	47.680	1.00	51.86	A216
ATON	19230	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A217
ATON	19231	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A218
ATON	19232	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A219
ATON	19233	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A220
ATON	19234	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A221
ATON	19235	P	02A	42	131.450	97.700	47.680	1.00	51.86	A222
ATON	19236	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A223
ATON	19237	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A224
ATON	19238	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A225
ATON	19239	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A226
ATON	19240	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A227
ATON	19241	P	02A	42	131.450	97.700	47.680	1.00	51.86	A228
ATON	19242	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A229
ATON	19243	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A230
ATON	19244	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A231
ATON	19245	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A232
ATON	19246	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A233
ATON	19247	P	02A	42	131.450	97.700	47.680	1.00	51.86	A234
ATON	19248	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A235
ATON	19249	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A236
ATON	19250	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A237
ATON	19251	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A238
ATON	19252	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A239
ATON	19253	P	02A	42	131.450	97.700	47.680	1.00	51.86	A240
ATON	19254	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A241
ATON	19255	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A242
ATON	19256	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A243
ATON	19257	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A244
ATON	19258	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A245
ATON	19259	P	02A	42	131.450	97.700	47.680	1.00	51.86	A246
ATON	19260	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A247
ATON	19261	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A248
ATON	19262	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A249
ATON	19263	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A250
ATON	19264	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A251
ATON	19265	P	02A	42	131.450	97.700	47.680	1.00	51.86	A252
ATON	19266	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A253
ATON	19267	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A254
ATON	19268	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A255
ATON	19269	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A256
ATON	19270	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A257
ATON	19271	P	02A	42	131.450	97.700	47.680	1.00	51.86	A258
ATON	19272	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A259
ATON	19273	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A260
ATON	19274	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A261
ATON	19275	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A262
ATON	19276	C1	02A	42	131.450	97.700	47.680	1.00	51.86	A263
ATON	19277	P	02A	42	131.450	97.700	47.680	1.00	51.86	A264
ATON	19278	01P	02A	42	131.450	97.700	47.680	1.00	51.86	A265
ATON	19279	02P	02A	42	131.450	97.700	47.680	1.00	51.86	A266
ATON	19280	03P	02A	42	131.450	97.700	47.680	1.00	51.86	A267
ATON	19281	C1	02A	42	1					

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ATON	19712	05	ADG	55	145.987	50.778	15.483	1.00	71.61	A165
ATON	19713	C1	ADG	55	145.985	50.779	15.488	1.00	72.65	A165
ATON	19714	01	ADG	55	145.981	50.821	15.483	1.00	72.65	A165
ATON	19715	C2	ADG	55	145.987	50.801	15.483	1.00	72.65	A165
ATON	19716	01	ADG	55	145.977	50.717	15.418	1.00	72.65	A165
ATON	19717	C6	ADG	55	145.972	50.811	15.468	1.00	72.65	A165
ATON	19718	06	ADG	55	145.974	50.828	15.418	1.00	72.65	A165
ATON	19719	C5	ADG	55	145.985	50.805	15.418	1.00	72.65	A165
ATON	19720	01	ADG	55	145.973	50.885	15.433	1.00	72.65	A165
ATON	19721	C8	ADG	55	145.984	51.372	16.481	1.00	72.65	A165
ATON	19722	C2	ADG	55	145.750	47.932	15.271	1.00	46.60	A166
ATON	19723	02	ADG	55	145.976	46.754	15.218	1.00	46.60	A166
ATON	19724	C1	ADG	55	145.978	47.703	15.453	1.00	46.60	A166
ATON	19725	01	ADG	55	143.664	46.408	15.872	1.00	46.60	A166
ATON	19726	01	ADG	55	143.666	46.288	15.872	1.00	46.60	A166
ATON	19727	01	ADG	55	143.633	46.733	16.038	1.00	46.60	A166
ATON	19728	02	ADG	55	141.448	47.817	15.876	1.00	46.60	A166
ATON	19729	02	ADG	55	141.447	46.831	15.331	1.00	46.60	A166
ATON	19730	C5	ADG	55	142.721	46.281	16.537	1.00	46.60	A165
ATON	19731	C4	ADG	55	141.765	47.122	17.714	1.00	46.60	A166
ATON	19732	04	ADG	55	142.553	48.238	17.777	1.00	46.60	A165
ATON	19733	C1	ADG	55	141.126	46.417	16.181	1.00	46.60	A165
ATON	19734	01	ADG	55	141.754	46.404	15.113	1.00	46.60	A165
ATON	19735	C6	ADG	55	141.932	46.073	15.188	1.00	46.60	A165
ATON	19736	C2	ADG	55	141.488	51.715	17.486	1.00	46.60	A165
ATON	19737	02	ADG	55	141.722	51.065	18.417	1.00	46.60	A165
ATON	19738	01	ADG	55	141.487	51.823	18.422	1.00	46.60	A165
ATON	19739	C1	ADG	55	141.414	52.243	19.096	1.00	46.60	A165
ATON	19740	04	ADG	55	141.563	52.243	19.096	1.00	46.60	A165
ATON	19741	C5	ADG	55	141.915	54.942	18.803	1.00	46.60	A165
ATON	19742	C2	ADG	55	140.377	48.847	16.455	1.00	46.60	A165
ATON	19743	02	ADG	55	140.377	48.847	16.455	1.00	46.60	A165
ATON	19744	C3	ADG	55	140.377	47.618	17.574	1.00	46.60	A165
ATON	19745	01	ADG	55	139.488	46.472	16.034	1.00	46.60	A165
ATON	19746	01	ADG	55	137.871	46.483	16.000	1.00	46.60	A165
ATON	19747	01	ADG	55	137.146	47.032	16.062	1.00	46.60	A165
ATON	19748	02	ADG	55	137.451	47.299	16.432	1.00	46.60	A165
ATON	19749	02	ADG	55	137.381	46.876	16.484	1.00	46.60	A165
ATON	19750	C6	ADG	55	137.029	47.923	16.824	1.00	46.60	A165
ATON	19751	C4	ADG	55	136.319	49.136	20.311	1.00	46.60	A165
ATON	19752	01	ADG	55	137.439	50.717	20.231	1.00	46.60	A165
ATON	19753	C1	ADG	55	136.534	51.444	20.842	1.00	46.60	A165
ATON	19754	09	ADG	55	137.817	51.847	20.525	1.00	46.60	A165
ATON	19755	C1	ADG	55	137.061	51.426	19.034	1.00	46.60	A165
ATON	19756	04	ADG	55	136.682	51.448	19.064	1.00	46.60	A165
ATON	19757	C2	ADG	55	136.814	51.324	17.984	1.00	46.60	A165
ATON	19758	02	ADG	55	136.317	54.523	18.473	1.00	46.60	A165
ATON	19759	01	ADG	55	137.351	51.713	19.068	1.00	46.60	A165
ATON	19760	C4	ADG	55	137.176	54.183	19.991	1.00	46.60	A165
ATON	19761	06	ADG	55	138.167	54.788	19.473	1.00	46.60	A165
ATON	19762	C3	ADG	55	137.588	55.817	19.740	1.00	46.60	A165
ATON	19763	01	ADG	55	137.451	51.863	19.455	1.00	46.60	A165
ATON	19764	C6	ADG	55	137.562	51.022	17.531	1.00	46.60	A165
ATON	19765	C7	ADG	55	135.849	51.673	19.817	1.00	46.60	A165
ATON	19766	02	ADG	55	136.441	51.388	20.087	1.00	46.60	A165
ATON	19767	C3	ADG	55	135.129	49.484	19.477	1.00	46.60	A165
ATON	19768	02	ADG	55	133.640	48.528	19.847	1.00	46.60	A165
ATON	19769	01	ADG	55	132.740	48.751	19.711	1.00	46.60	A165
ATON	19770	01	ADG	55	131.450	48.018	19.351	1.00	46.60	A165
ATON	19771	02	ADG	55	133.342	48.238	19.305	1.00	46.60	A165
ATON	19772	01	ADG	55	132.334	48.336	19.343	1.00	46.60	A165
ATON	19773	C7	ADG	55	131.389	50.904	18.382	1.00	46.60	A165
ATON	19774	C4	ADG	55	131.348	52.366	19.238	1.00	46.60	A165
ATON	19775	01	ADG	55	132.411	51.812	19.012	1.00	46.60	A165
ATON	19776	C1	ADG	55	132.387	54.816	18.818	1.00	46.60	A165
ATON	19777	01	ADG	55	133.403	52.419	19.001	1.00	46.60	A165
ATON	19778	C6	ADG	55	132.453	52.786	19.711	1.00	46.60	A165
ATON	19779	C2	ADG	55	132.368	50.995	18.404	1.00	46.60	A165
ATON	19780	02	ADG	55	131.762	55.789	18.409	1.00	46.60	A165
ATON	19781	01	ADG	55	130.485	56.712	18.412	1.00	46.60	A165
ATON	19782	C4	ADG	55	130.424	56.811	18.471	1.00	46.60	A165
ATON	19783	04	ADG	55	129.546	51.566	18.711	1.00	46.60	A165
ATON	19784	C7	ADG	55	129.336	51.432	18.776	1.00	46.60	A165
ATON	19785	C7	ADG	55	130.426	54.985	18.413	1.00	46.60	A165
ATON	19786	C7	ADG	55	130.363	52.486	17.420	1.00	46.60	A165
ATON	19787	01	ADG	55	129.373	52.427	18.814	1.00	46.60	A165
ATON	19788	01	ADG	55	129.340	52.742	18.748	1.00	46.60	A165
ATON	19789	01	ADG	55	128.932	52.756	17.751	1.00	46.60	A165
ATON	19790	01	ADG	55	128.962	51.138	19.986	1.00	46.60	A165
ATON	19791	02	ADG	55	129.301	53.684	18.484	1.00	46.60	A165
ATON	19792	01	ADG	55	128.824	54.735	18.369	1.00	46.60	A165
ATON	19793	C4	ADG	55	128.438	54.864	18.463	1.00	46.60	A165
ATON	19794	01	ADG	55	129.890	55.966	19.317	1.00	46.60	A165
ATON	19795	C1	ADG	55	130.268	56.712	18.812	1.00	46.60	A165
ATON	19796	01	ADG	55	130.460	55.774	18.312	1.00	46.60	A165
ATON	19797	C4	ADG	55	131.388	55.408	18.827	1.00	46.60	A165
ATON	19798	01	ADG	55	131.323	56.407	18.145	1.00	46.60	A165
ATON	19799	01	ADG	55	131.767	56.401	18.473	1.00	46.60	A165
ATON	19800	01	ADG	55	131.405	54.978	18.699	1.00	46.60	A165
ATON	19801	01	ADG	55	132.336	51.996	18.418	1.00	46.60	A165
ATON	19802	01	ADG	55	133.099	52.491	19.157	1.00	46.60	A165
ATON	19803	C5	ADG	55	132.121	54.703	18.991	1.00	46.60	A165
ATON	19804	01	ADG	55	131.992	52.414	18.943	1.00	46.60	A165
ATON	19805	01	ADG	55	131.324	54.132	18.818	1.00	46.60	A165
ATON	19806	C7	ADG	55	129.468	54.071	18.323	1.00	46.60	A165
ATON	19807	01	ADG	55	128.788	56.765	18.517	1.00	46.60	A165
ATON	19808	01	ADG	55	127.948	56.817	18.814	1.00	46.60	A165
ATON	19809	C7	ADG	55	126.478	56.461	18.904	1.00	46.60	A165
ATON	19810	01	ADG	55	125.864	56.786	18.456	1.00	46.60	A165
ATON	19811	01	ADG	55	126.884	57.127	18.485	1.00	46.60	A165
ATON	19812	01	ADG	55	126.477	57.408	18.334	1.00	46.60	A165
ATON	19813	02	ADG	55	125.435	55.181	18.122	1.00	46.60	A165
ATON	19814	01	ADG	55	126.564	56.241	18.848	1.00	46.60	A165
ATON	19815	C1	ADG	55	123.636	53.861	17.715	1.00	46.60	A165
ATON	19816	01	ADG	55	122.676	54.478	18.919	1.00	46.60	A165
ATON	19817	01	ADG	55	122.721	54.394	18.966	1.00	46.60	A165
ATON	19818	01	ADG	55	122.336	53.816	19			

ATC00001	C	60	187.735	35.7652	12.317	1.00	41.16	A156	ATC02161	C	75	180.305	29.689	12.747	1.00	36.96	A161
ATC00002	C	60	190.438	36.3528	12.641	1.00	41.16	A156	ATC02162	CF	75	180.049	29.683	12.644	1.00	36.96	A161
ATC00003	C	60	192.141	36.9404	12.966	1.00	41.16	A156	ATC02163	C	75	180.779	29.653	13.045	1.00	36.96	A161
ATC00004	C	60	193.844	37.5280	13.291	1.00	41.16	A156	ATC02164	CF	75	180.523	29.647	13.045	1.00	36.96	A161
ATC00005	C	60	195.547	38.1156	13.616	1.00	41.16	A156	ATC02165	C	75	180.267	29.641	13.045	1.00	36.96	A161
ATC00006	C	60	197.250	38.7032	13.941	1.00	41.16	A156	ATC02166	C	75	181.001	29.611	13.045	1.00	36.96	A161
ATC00007	C	60	198.953	39.2908	14.266	1.00	41.16	A156	ATC02167	CF	75	180.745	29.605	13.045	1.00	36.96	A161
ATC00008	C	60	200.656	39.8784	14.591	1.00	41.16	A156	ATC02168	C	75	181.479	29.575	13.045	1.00	36.96	A161
ATC00009	C	60	202.359	40.4660	14.916	1.00	41.16	A156	ATC02169	CF	75	181.223	29.569	13.045	1.00	36.96	A161
ATC00010	C	60	204.062	41.0536	15.241	1.00	41.16	A156	ATC02170	C	75	181.957	29.539	13.045	1.00	36.96	A161
ATC00011	C	60	205.765	41.6412	15.566	1.00	41.16	A156	ATC02171	CF	75	181.701	29.533	13.045	1.00	36.96	A161
ATC00012	C	60	207.468	42.2288	15.891	1.00	41.16	A156	ATC02172	C	75	182.435	29.503	13.045	1.00	36.96	A161
ATC00013	C	60	209.171	42.8164	16.216	1.00	41.16	A156	ATC02173	CF	75	182.179	29.497	13.045	1.00	36.96	A161
ATC00014	C	60	210.874	43.4040	16.541	1.00	41.16	A156	ATC02174	C	75	182.913	29.467	13.045	1.00	36.96	A161
ATC00015	C	60	212.577	43.9916	16.866	1.00	41.16	A156	ATC02175	CF	75	182.657	29.461	13.045	1.00	36.96	A161
ATC00016	C	60	214.280	44.5792	17.191	1.00	41.16	A156	ATC02176	C	75	183.391	29.431	13.045	1.00	36.96	A161
ATC00017	C	60	215.983	45.1668	17.516	1.00	41.16	A156	ATC02177	CF	75	183.135	29.425	13.045	1.00	36.96	A161
ATC00018	C	60	217.686	45.7544	17.841	1.00	41.16	A156	ATC02178	C	75	183.869	29.395	13.045	1.00	36.96	A161
ATC00019	C	60	219.389	46.3420	18.166	1.00	41.16	A156	ATC02179	CF	75	183.613	29.389	13.045	1.00	36.96	A161
ATC00020	C	60	221.092	46.9296	18.491	1.00	41.16	A156	ATC02180	C	75	184.347	29.359	13.045	1.00	36.96	A161
ATC00021	C	60	222.795	47.5172	18.816	1.00	41.16	A156	ATC02181	CF	75	184.091	29.353	13.045	1.00	36.96	A161
ATC00022	C	60	224.498	48.1048	19.141	1.00	41.16	A156	ATC02182	C	75	184.825	29.323	13.045	1.00	36.96	A161
ATC00023	C	60	226.201	48.6924	19.466	1.00	41.16	A156	ATC02183	CF	75	184.569	29.317	13.045	1.00	36.96	A161
ATC00024	C	60	227.904	49.2800	19.791	1.00	41.16	A156	ATC02184	C	75	185.303	29.287	13.045	1.00	36.96	A161
ATC00025	C	60	229.607	49.8676	20.116	1.00	41.16	A156	ATC02185	CF	75	185.047	29.281	13.045	1.00	36.96	A161
ATC00026	C	60	231.310	50.4552	20.441	1.00	41.16	A156	ATC02186	C	75	185.781	29.251	13.045	1.00	36.96	A161
ATC00027	C	60	233.013	51.0428	20.766	1.00	41.16	A156	ATC02187	CF	75	185.525	29.245	13.045	1.00	36.96	A161
ATC00028	C	60	234.716	51.6304	21.091	1.00	41.16	A156	ATC02188	C	75	186.259	29.215	13.045	1.00	36.96	A161
ATC00029	C	60	236.419	52.2180	21.416	1.00	41.16	A156	ATC02189	CF	75	186.003	29.209	13.045	1.00	36.96	A161
ATC00030	C	60	238.122	52.8056	21.741	1.00	41.16	A156	ATC02190	C	75	186.737	29.179	13.045	1.00	36.96	A161
ATC00031	C	60	239.825	53.3932	22.066	1.00	41.16	A156	ATC02191	CF	75	186.481	29.173	13.045	1.00	36.96	A161
ATC00032	C	60	241.528	53.9808	22.391	1.00	41.16	A156	ATC02192	C	75	187.215	29.143	13.045	1.00	36.96	A161
ATC00033	C	60	243.231	54.5684	22.716	1.00	41.16	A156	ATC02193	CF	75	186.959	29.137	13.045	1.00	36.96	A161
ATC00034	C	60	244.934	55.1560	23.041	1.00	41.16	A156	ATC02194	C	75	187.693	29.107	13.045	1.00	36.96	A161
ATC00035	C	60	246.637	55.7436	23.366	1.00	41.16	A156	ATC02195	CF	75	187.437	29.101	13.045	1.00	36.96	A161
ATC00036	C	60	248.340	56.3312	23.691	1.00	41.16	A156	ATC02196	C	75	188.171	29.071	13.045	1.00	36.96	A161
ATC00037	C	60	250.043	56.9188	24.016	1.00	41.16	A156	ATC02197	CF	75	187.915	29.065	13.045	1.00	36.96	A161
ATC00038	C	60	251.746	57.5064	24.341	1.00	41.16	A156	ATC02198	C	75	188.649	29.035	13.045	1.00	36.96	A161
ATC00039	C	60	253.449	58.0940	24.666	1.00	41.16	A156	ATC02199	CF	75	188.393	29.029	13.045	1.00	36.96	A161
ATC00040	C	60	255.152	58.6816	24.991	1.00	41.16	A156	ATC02200	C	75	189.127	28.999	13.045	1.00	36.96	A161
ATC00041	C	60	256.855	59.2692	25.316	1.00	41.16	A156	ATC02201	CF	75	188.871	28.993	13.045	1.00	36.96	A161
ATC00042	C	60	258.558	59.8568	25.641	1.00	41.16	A156	ATC02202	C	75	189.605	28.963	13.045	1.00	36.96	A161
ATC00043	C	60	260.261	60.4444	25.966	1.00	41.16	A156	ATC02203	CF	75	189.349	28.957	13.045	1.00	36.96	A161
ATC00044	C	60	261.964	61.0320	26.291	1.00	41.16	A156	ATC02204	C	75	190.083	28.927	13.045	1.00	36.96	A161
ATC00045	C	60	263.667	61.6196	26.616	1.00	41.16	A156	ATC02205	CF	75	189.827	28.921	13.045	1.00	36.96	A161
ATC00046	C	60	265.370	62.2072	26.941	1.00	41.16	A156	ATC02206	C	75	190.561	28.891	13.045	1.00	36.96	A161
ATC00047	C	60	267.073	62.7948	27.266	1.00	41.16	A156	ATC02207	CF	75	190.305	28.885	13.045	1.00	36.96	A161
ATC00048	C	60	268.776	63.3824	27.591	1.00	41.16	A156	ATC02208	C	75	191.039	28.855	13.045	1.00	36.96	A161
ATC00049	C	60	270.479	63.9700	27.916	1.00	41.16	A156	ATC02209	CF	75	190.783	28.849	13.045	1.00	36.96	A161
ATC00050	C	60	272.182	64.5576	28.241	1.00	41.16	A156	ATC02210	C	75	191.517	28.819	13.045	1.00	36.96	A161
ATC00051	C	60	273.885	65.1452	28.566	1.00	41.16	A156	ATC02211	CF	75	191.261	28.813	13.045	1.00	36.96	A161
ATC00052	C	60	275.588	65.7328	28.891	1.00	41.16	A156	ATC02212	C	75	191.995	28.783	13.045	1.00	36.96	A161
ATC00053	C	60	277.291	66.3204	29.216	1.00	41.16	A156	ATC02213	CF	75	191.739	28.777	13.045	1.00	36.96	A161
ATC00054	C	60	278.994	66.9080	29.541	1.00	41.16	A156	ATC02214	C	75	192.473	28.747	13.045	1.00	36.96	A161
ATC00055	C	60	280.697	67.4956	29.866	1.00	41.16	A156	ATC02215	CF	75	192.217	28.741	13.045	1.00	36.96	A161
ATC00056	C	60	282.400	68.0832	30.191	1.00	41.16	A156	ATC02216	C	75	192.951	28.711	13.045	1.00	36.96	A161
ATC00057	C	60	284.103	68.6708	30.516	1.00	41.16	A156	ATC02217	CF	75	192.695	28.705	13.045	1.00	36.96	A161
ATC00058	C	60	285.806	69.2584	30.841	1.00	41.16	A156	ATC02218	C	75	193.429	28.675	13.045	1.00	36.96	A161
ATC00059	C	60	287.509	69.8460	31.166	1.00	41.16	A156	ATC02219	CF	75	193.173	28.669	13.045	1.00	36.96	A161
ATC00060	C	60	289.212	70.4336	31.491	1.00	41.16	A156	ATC02220	C	75	193.907	28.639	13.045	1.00	36.96	A161
ATC00061	C	60	290.915	71.0212	31.816	1.00	41.16	A156	ATC02221	CF	75	193.651	28.633	13.045	1.00	36.96	A161
ATC00062	C	60	292.618	71.6088	32.141	1.00	41.16	A156	ATC02222	C	75	194.385	28.603	13.045	1.00	36.96	A161
ATC00063	C	60	294.321	72.1964	32.466	1.00	41.16	A156	ATC02223	CF	75	194.129	28.597	13.045	1.00	36.96	A161
ATC00064	C	60	296.024	72.7840	32.791	1.00	41.16	A156	ATC02224	C	75	194.863	28.567	13.045	1.00	36.96	A161
ATC00065	C	60	297.727	73.3716	33.116	1.00	41.16	A156	ATC02225	CF	75	194.607	28.561	13.045	1.00	36.96	A161
ATC00066	C	60	299.430	73.9592	33.441	1.00	41.16	A156	ATC02226	C	75	195.341	28.531	13.045	1.00	36.96	A161
ATC00067	C	60	301.133	74.5468	33.766	1.00	41.16	A156	ATC02227	CF	75	195.085	28.525	13.045	1.00	36.96	A161
ATC00068	C	60	302.836	75.1344	34.091	1.00	41.16	A156	ATC02228	C	75	195.819	28.495	13.045	1.00	36.96	A161
ATC00069	C	60	304.539	75.7220	34.416	1.00	41.16	A156	ATC02229	CF	75	195.563	28.489	13.045	1.00	36.96	A161
ATC00070	C	60	306.242	76.3096	34.741	1.00	41.16	A156	ATC02230	C	75	196.297	28.459	13.045	1.00	36.96	A161
ATC00071	C	60	307.945	76.8972	35.066	1.00	41.16	A156	ATC02231</								

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ATON	21141	A2	GAZ	121	113.945	74.250	-18.976	1.00	34.23	A164	ATON	21294	C1	ADZ	120	109.845	73.629	-1.429	1.00	39.89	A164
ATON	21142	A1	GAZ	121	116.066	75.217	-17.902	1.00	34.23	A165	ATON	21295	B1	ADZ	120	109.987	61.819	-1.177	1.00	41.94	A164
ATON	21143	C1	GAZ	121	113.906	76.232	-19.962	1.00	34.23	A166	ATON	21296	C1	ADZ	120	110.320	61.600	-0.999	1.00	41.94	A165
ATON	21144	B1	GAZ	121	116.446	76.011	-17.799	1.00	34.23	A167	ATON	21297	B1	ADZ	120	110.761	61.181	-0.429	1.00	43.37	A165
ATON	21145	C1	GAZ	121	113.511	77.430	-17.341	1.00	46.21	A168	ATON	21298	C2	ADZ	120	111.270	62.118	-1.710	1.00	45.34	A165
ATON	21146	B1	GAZ	121	113.281	78.072	-18.976	1.00	34.23	A169	ATON	21299	B1	ADZ	120	111.955	61.993	-1.444	1.00	45.34	A166
ATON	21147	C1	GAZ	121	116.416	78.416	-17.971	1.00	34.23	A170	ATON	21300	C1	ADZ	120	112.491	61.861	-0.903	1.00	45.34	A167
ATON	21148	C2	GAZ	121	113.043	79.116	-18.936	1.00	55.00	A171	ATON	21301	B1	ADZ	120	111.647	61.143	-0.963	1.00	45.34	A168
ATON	21149	C2	GAZ	121	112.999	79.930	-22.302	1.00	55.00	A172	ATON	21302	C1	ADZ	120	110.763	62.567	-0.730	1.00	45.34	A169
ATON	21150	B1	GAZ	121	112.123	79.013	-18.901	1.00	55.00	A173	ATON	21303	B1	ADZ	120	110.293	63.111	-2.534	1.00	45.34	A170
ATON	21151	C1	GAZ	121	110.099	79.931	-21.990	1.00	55.00	A174	ATON	21304	C1	ADZ	120	109.971	61.936	-2.290	1.00	45.34	A171
ATON	21152	B1	GAZ	122	109.611	79.107	-20.674	1.00	46.94	A175	ATON	21305	C2	ADZ	120	109.370	61.908	-0.325	1.00	46.94	A172
ATON	21153	C1	GAZ	122	108.496	79.297	-21.414	1.00	47.46	A176	ATON	21306	C2	ADZ	120	108.986	61.993	-0.003	1.00	46.94	A173
ATON	21154	C2	GAZ	122	109.463	79.523	-19.071	1.00	47.46	A177	ATON	21307	C1	ADZ	120	108.215	62.127	-1.482	1.00	46.94	A174
ATON	21155	C1	GAZ	122	110.021	79.764	-20.454	1.00	46.94	A178	ATON	21308	C1	ADZ	120	106.114	66.627	-1.118	1.00	46.94	A175
ATON	21156	C1	GAZ	122	110.195	79.931	-21.663	1.00	46.94	A179	ATON	21309	C1	ADZ	120	104.726	69.521	-0.470	1.00	42.19	A176
ATON	21157	C1	GAZ	122	110.268	79.947	-21.237	1.00	46.94	A180	ATON	21310	C1	ADZ	120	102.762	69.209	-0.466	1.00	44.32	A177
ATON	21158	C1	GAZ	122	111.670	79.257	-20.687	1.00	46.94	A181	ATON	21311	C2	ADZ	120	100.397	69.414	-1.999	1.00	44.32	A178
ATON	21159	C1	GAZ	122	111.649	79.164	-19.785	1.00	46.94	A182	ATON	21312	C1	ADZ	120	100.000	69.551	-0.744	1.00	42.19	A179
ATON	21160	C1	GAZ	122	112.131	79.649	-18.499	1.00	47.46	A183	ATON	21313	C1	ADZ	120	100.393	69.181	-1.825	1.00	42.19	A180
ATON	21161	C1	GAZ	122	111.941	79.930	-18.133	1.00	47.46	A184	ATON	21314	C1	ADZ	120	100.144	69.931	-2.004	1.00	42.19	A181
ATON	21162	C1	GAZ	122	112.741	79.731	-17.657	1.00	47.46	A185	ATON	21315	C1	ADZ	120	100.309	69.421	-2.325	1.00	42.19	A182
ATON	21163	C1	GAZ	122	113.913	79.167	-17.977	1.00	47.46	A186	ATON	21316	C1	ADZ	120	100.793	61.909	-3.031	1.00	42.19	A183
ATON	21164	C1	GAZ	122	113.134	79.229	-16.443	1.00	47.46	A187	ATON	21317	C1	ADZ	120	100.863	62.719	-2.052	1.00	44.32	A184
ATON	21165	C1	GAZ	122	112.080	79.375	-15.988	1.00	47.46	A188	ATON	21318	C1	ADZ	120	101.361	62.627	-0.766	1.00	44.32	A185
ATON	21166	C1	GAZ	122	113.493	79.019	-14.902	1.00	47.46	A189	ATON	21319	C1	ADZ	120	100.496	62.963	-2.623	1.00	44.32	A186
ATON	21167	C1	GAZ	122	112.359	79.402	-16.930	1.00	47.46	A190	ATON	21320	C1	ADZ	120	100.007	61.930	-3.434	1.00	44.32	A187
ATON	21168	C1	GAZ	122	110.732	79.585	-19.704	1.00	46.94	A191	ATON	21321	C1	ADZ	120	100.605	66.929	-1.636	1.00	44.32	A188
ATON	21169	C1	GAZ	122	110.113	79.714	-19.917	1.00	47.46	A192	ATON	21322	C1	ADZ	120	100.113	66.817	-0.402	1.00	46.94	A189
ATON	21170	C1	GAZ	122	109.427	79.761	-20.727	1.00	46.94	A193	ATON	21323	C1	ADZ	120	100.747	67.879	-0.001	1.00	46.94	A190
ATON	21171	C1	GAZ	122	108.349	79.296	-21.001	1.00	46.94	A194	ATON	21324	C1	ADZ	120	100.457	67.631	-0.645	1.00	44.32	A191
ATON	21172	C1	GAZ	122	108.049	79.266	-20.379	1.00	46.94	A195	ATON	21325	C1	ADZ	120	100.067	67.661	-0.538	1.00	44.32	A192
ATON	21173	C1	GAZ	122	106.450	79.766	-20.740	1.00	47.46	A196	ATON	21326	C1	ADZ	120	100.019	67.164	-0.900	1.00	42.19	A193
ATON	21174	C1	GAZ	122	106.140	79.700	-19.173	1.00	47.46	A197	ATON	21327	C1	ADZ	120	100.479	67.489	-1.378	1.00	42.19	A194
ATON	21175	C1	GAZ	122	106.071	79.161	-21.387	1.00	47.46	A198	ATON	21328	C1	ADZ	120	100.436	68.933	-1.324	1.00	42.19	A195
ATON	21176	C1	GAZ	122	106.949	79.167	-22.467	1.00	47.46	A199	ATON	21329	C1	ADZ	120	100.087	67.531	-0.874	1.00	44.32	A196
ATON	21177	C1	GAZ	122	106.031	79.580	-21.766	1.00	55.00	A200	ATON	21330	C1	ADZ	120	100.039	69.653	-1.557	1.00	44.32	A197
ATON	21178	C1	GAZ	122	105.236	79.709	-24.109	1.00	55.00	A201	ATON	21331	C1	ADZ	120	102.653	61.961	-0.939	1.00	44.32	A198
ATON	21179	C1	GAZ	122	105.183	79.913	-22.916	1.00	55.00	A202	ATON	21332	C1	ADZ	120	102.705	62.617	-1.378	1.00	44.32	A199
ATON	21180	C1	GAZ	122	103.065	79.403	-24.940	1.00	47.46	A203	ATON	21333	C1	ADZ	120	103.100	61.981	-0.771	1.00	44.32	A200
ATON	21181	C1	GAZ	122	102.015	79.167	-25.730	1.00	47.46	A204	ATON	21334	C1	ADZ	120	103.761	62.633	-0.939	1.00	44.32	A201
ATON	21182	C1	GAZ	122	102.169	79.093	-26.901	1.00	47.46	A205	ATON	21335	C1	ADZ	120	103.795	62.617	-1.378	1.00	44.32	A202
ATON	21183	C1	GAZ	122	101.342	79.403	-27.527	1.00	47.46	A206	ATON	21336	C1	ADZ	120	104.779	63.570	-1.399	1.00	44.32	A203
ATON	21184	C1	GAZ	122	101.245	79.931	-29.708	1.00	47.46	A207	ATON	21337	C1	ADZ	120	104.274	64.079	-2.071	1.00	44.32	A204
ATON	21185	C1	GAZ	122	100.713	79.302	-30.917	1.00	47.46	A208	ATON	21338	C1	ADZ	120	104.172	64.969	-2.668	1.00	44.32	A205
ATON	21186	C1	GAZ	122	100.491	79.535	-32.764	1.00	47.46	A209	ATON	21339	C1	ADZ	120	103.957	65.293	-3.090	1.00	44.32	A206
ATON	21187	C1	GAZ	122	100.030	79.771	-33.196	1.00	47.46	A210	ATON	21340	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A207
ATON	21188	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A211	ATON	21341	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A208
ATON	21189	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A212	ATON	21342	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A209
ATON	21190	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A213	ATON	21343	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A210
ATON	21191	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A214	ATON	21344	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A211
ATON	21192	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A215	ATON	21345	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A212
ATON	21193	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A216	ATON	21346	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A213
ATON	21194	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A217	ATON	21347	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A214
ATON	21195	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A218	ATON	21348	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A215
ATON	21196	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A219	ATON	21349	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A216
ATON	21197	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A220	ATON	21350	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A217
ATON	21198	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A221	ATON	21351	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A218
ATON	21199	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A222	ATON	21352	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A219
ATON	21200	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A223	ATON	21353	C1	ADZ	120	103.855	65.293	-3.436	1.00	44.32	A220
ATON	21201	C1	GAZ	122	100.000	79.771	-33.196	1.00	47.46	A224	ATON	21354	C1	ADZ							

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ATON 21627	F	AGE	135	81.965	62.953	-3.957	1.00	72.76	A165
ATON 21628	G1P	AGE	135	82.962	63.051	-4.149	1.00	72.81	A166
ATON 21629	G2P	AGE	135	84.958	63.278	-3.811	1.00	72.79	A167
ATON 21630	G3P	AGE	135	87.951	61.943	-4.000	1.00	72.76	A168
ATON 21631	G4P	AGE	135	90.948	60.799	-3.767	1.00	72.76	A169
ATON 21632	G5P	AGE	135	93.945	59.618	-3.698	1.00	72.76	A170
ATON 21633	G6P	AGE	135	96.946	60.299	-3.738	1.00	72.76	A171
ATON 21634	G7P	AGE	135	99.943	59.125	-4.032	1.00	72.76	A172
ATON 21635	G8P	AGE	135	102.940	58.015	-4.221	1.00	72.76	A173
ATON 21636	G9P	AGE	135	105.937	56.910	-4.410	1.00	72.76	A174
ATON 21637	G10P	AGE	135	108.934	55.815	-4.599	1.00	72.76	A175
ATON 21638	G11P	AGE	135	111.931	54.730	-4.788	1.00	72.76	A176
ATON 21639	G12P	AGE	135	114.928	53.655	-4.977	1.00	72.76	A177
ATON 21640	G13P	AGE	135	117.925	52.590	-5.166	1.00	72.76	A178
ATON 21641	G14P	AGE	135	120.922	51.535	-5.355	1.00	72.76	A179
ATON 21642	G15P	AGE	135	123.919	50.490	-5.544	1.00	72.76	A180
ATON 21643	G16P	AGE	135	126.916	49.455	-5.733	1.00	72.76	A181
ATON 21644	G17P	AGE	135	129.913	48.430	-5.922	1.00	72.76	A182
ATON 21645	G18P	AGE	135	132.910	47.415	-6.111	1.00	72.76	A183
ATON 21646	G19P	AGE	135	135.907	46.410	-6.300	1.00	72.76	A184
ATON 21647	G20P	AGE	135	138.904	45.415	-6.489	1.00	72.76	A185
ATON 21648	G21P	AGE	135	141.901	44.430	-6.678	1.00	72.76	A186
ATON 21649	G22P	AGE	135	144.898	43.455	-6.867	1.00	72.76	A187
ATON 21650	G23P	AGE	135	147.895	42.490	-7.056	1.00	72.76	A188
ATON 21651	G24P	AGE	135	150.892	41.535	-7.245	1.00	72.76	A189
ATON 21652	G25P	AGE	135	153.889	40.590	-7.434	1.00	72.76	A190
ATON 21653	G26P	AGE	135	156.886	39.655	-7.623	1.00	72.76	A191
ATON 21654	G27P	AGE	135	159.883	38.730	-7.812	1.00	72.76	A192
ATON 21655	G28P	AGE	135	162.880	37.815	-8.001	1.00	72.76	A193
ATON 21656	G29P	AGE	135	165.877	36.910	-8.190	1.00	72.76	A194
ATON 21657	G30P	AGE	135	168.874	36.015	-8.379	1.00	72.76	A195
ATON 21658	G31P	AGE	135	171.871	35.130	-8.568	1.00	72.76	A196
ATON 21659	G32P	AGE	135	174.868	34.255	-8.757	1.00	72.76	A197
ATON 21660	G33P	AGE	135	177.865	33.390	-8.946	1.00	72.76	A198
ATON 21661	G34P	AGE	135	180.862	32.535	-9.135	1.00	72.76	A199
ATON 21662	G35P	AGE	135	183.859	31.690	-9.324	1.00	72.76	A200
ATON 21663	G36P	AGE	135	186.856	30.855	-9.513	1.00	72.76	A201
ATON 21664	G37P	AGE	135	189.853	30.030	-9.702	1.00	72.76	A202
ATON 21665	G38P	AGE	135	192.850	29.215	-9.891	1.00	72.76	A203
ATON 21666	G39P	AGE	135	195.847	28.410	-10.080	1.00	72.76	A204
ATON 21667	G40P	AGE	135	198.844	27.615	-10.269	1.00	72.76	A205
ATON 21668	G41P	AGE	135	201.841	26.830	-10.458	1.00	72.76	A206
ATON 21669	G42P	AGE	135	204.838	26.055	-10.647	1.00	72.76	A207
ATON 21670	G43P	AGE	135	207.835	25.290	-10.836	1.00	72.76	A208
ATON 21671	G44P	AGE	135	210.832	24.535	-11.025	1.00	72.76	A209
ATON 21672	G45P	AGE	135	213.829	23.790	-11.214	1.00	72.76	A210
ATON 21673	G46P	AGE	135	216.826	23.055	-11.403	1.00	72.76	A211
ATON 21674	G47P	AGE	135	219.823	22.330	-11.592	1.00	72.76	A212
ATON 21675	G48P	AGE	135	222.820	21.615	-11.781	1.00	72.76	A213
ATON 21676	G49P	AGE	135	225.817	20.910	-11.970	1.00	72.76	A214
ATON 21677	G50P	AGE	135	228.814	20.215	-12.159	1.00	72.76	A215
ATON 21678	G51P	AGE	135	231.811	19.530	-12.348	1.00	72.76	A216
ATON 21679	G52P	AGE	135	234.808	18.855	-12.537	1.00	72.76	A217
ATON 21680	G53P	AGE	135	237.805	18.190	-12.726	1.00	72.76	A218
ATON 21681	G54P	AGE	135	240.802	17.535	-12.915	1.00	72.76	A219
ATON 21682	G55P	AGE	135	243.799	16.890	-13.104	1.00	72.76	A220
ATON 21683	G56P	AGE	135	246.796	16.255	-13.293	1.00	72.76	A221
ATON 21684	G57P	AGE	135	249.793	15.630	-13.482	1.00	72.76	A222
ATON 21685	G58P	AGE	135	252.790	15.015	-13.671	1.00	72.76	A223
ATON 21686	G59P	AGE	135	255.787	14.410	-13.860	1.00	72.76	A224
ATON 21687	G60P	AGE	135	258.784	13.815	-14.049	1.00	72.76	A225
ATON 21688	G61P	AGE	135	261.781	13.230	-14.238	1.00	72.76	A226
ATON 21689	G62P	AGE	135	264.778	12.655	-14.427	1.00	72.76	A227
ATON 21690	G63P	AGE	135	267.775	12.090	-14.616	1.00	72.76	A228
ATON 21691	G64P	AGE	135	270.772	11.535	-14.805	1.00	72.76	A229
ATON 21692	G65P	AGE	135	273.769	10.990	-14.994	1.00	72.76	A230
ATON 21693	G66P	AGE	135	276.766	10.455	-15.183	1.00	72.76	A231
ATON 21694	G67P	AGE	135	279.763	9.930	-15.372	1.00	72.76	A232
ATON 21695	G68P	AGE	135	282.760	9.415	-15.561	1.00	72.76	A233
ATON 21696	G69P	AGE	135	285.757	8.910	-15.750	1.00	72.76	A234
ATON 21697	G70P	AGE	135	288.754	8.415	-15.939	1.00	72.76	A235
ATON 21698	G71P	AGE	135	291.751	7.930	-16.128	1.00	72.76	A236
ATON 21699	G72P	AGE	135	294.748	7.455	-16.317	1.00	72.76	A237
ATON 21700	G73P	AGE	135	297.745	6.990	-16.506	1.00	72.76	A238
ATON 21701	G74P	AGE	135	300.742	6.535	-16.695	1.00	72.76	A239
ATON 21702	G75P	AGE	135	303.739	6.090	-16.884	1.00	72.76	A240
ATON 21703	G76P	AGE	135	306.736	5.655	-17.073	1.00	72.76	A241
ATON 21704	G77P	AGE	135	309.733	5.230	-17.262	1.00	72.76	A242
ATON 21705	G78P	AGE	135	312.730	4.815	-17.451	1.00	72.76	A243
ATON 21706	G79P	AGE	135	315.727	4.410	-17.640	1.00	72.76	A244
ATON 21707	G80P	AGE	135	318.724	4.015	-17.829	1.00	72.76	A245
ATON 21708	G81P	AGE	135	321.721	3.630	-18.018	1.00	72.76	A246
ATON 21709	G82P	AGE	135	324.718	3.255	-18.207	1.00	72.76	A247
ATON 21710	G83P	AGE	135	327.715	2.890	-18.396	1.00	72.76	A248
ATON 21711	G84P	AGE	135	330.712	2.535	-18.585	1.00	72.76	A249
ATON 21712	G85P	AGE	135	333.709	2.190	-18.774	1.00	72.76	A250

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ATOP	21113	C3	CTT	147	112.879	23.097	11.311	1.00	63.37	A163
ATOP	21114	01	CTT	147	114.314	23.163	12.411	1.00	63.37	A164
ATOP	21115	02	CTT	147	115.286	23.099	12.761	1.00	61.37	A165
ATOP	21116	03	CTT	147	115.473	23.116	13.401	1.00	61.37	A166
ATOP	21117	04	CTT	147	116.479	24.343	13.344	1.00	61.37	A167
ATOP	21118	05	CTT	147	116.381	22.947	11.496	1.00	61.37	A168
ATOP	21119	06	CTT	147	115.529	22.177	12.862	1.00	61.37	A169
ATOP	21120	07	CTT	147	113.943	21.127	11.061	1.00	61.37	A170
ATOP	21121	08	CTT	147	112.435	21.716	9.671	1.00	61.37	A171
ATOP	21122	09	CTT	147	112.766	21.857	6.731	1.00	61.37	A172
ATOP	21123	10	CTT	147	113.911	21.999	7.879	1.00	61.37	A173
ATOP	21124	11	CTT	147	114.352	23.099	8.496	1.00	61.37	A174
ATOP	21125	12	CTT	147	115.464	21.724	6.311	1.00	61.37	A175
ATOP	21126	13	CTT	147	111.917	20.725	6.051	1.00	61.37	A176
ATOP	21127	14	CTT	147	114.368	22.334	3.721	1.00	61.37	A177
ATOP	21128	15	CTT	147	114.946	23.024	6.751	1.00	61.37	A178
ATOP	21129	16	CTT	147	115.674	24.432	5.441	1.00	61.37	A179
ATOP	21130	17	CTT	147	114.866	23.929	4.431	1.00	61.37	A180
ATOP	21131	18	CTT	147	115.521	24.042	7.456	1.00	61.37	A181
ATOP	21132	19	CTT	147	112.401	18.763	6.241	1.00	61.37	A182
ATOP	21133	20	CTT	147	114.171	20.368	10.441	1.00	61.37	A183
ATOP	21134	21	CTT	147	114.587	20.368	10.441	1.00	61.37	A184
ATOP	21135	22	CTT	147	113.944	18.523	11.146	1.00	61.37	A185
ATOP	21136	23	CTT	147	115.966	17.337	12.931	1.00	61.37	A186
ATOP	21137	24	CTT	147	116.911	18.593	13.221	1.00	61.37	A187
ATOP	21138	25	CTT	147	116.010	18.010	6.436	1.00	61.37	A188
ATOP	21139	26	CTT	147	115.411	16.711	7.737	1.00	61.37	A189
ATOP	21140	27	CTT	147	115.976	16.711	7.901	1.00	61.37	A190
ATOP	21141	28	CTT	147	115.321	17.266	4.891	1.00	61.37	A191
ATOP	21142	29	CTT	147	116.224	17.454	3.901	1.00	61.37	A192
ATOP	21143	30	CTT	147	116.441	18.039	3.751	1.00	61.37	A193
ATOP	21144	31	CTT	147	116.411	19.411	6.411	1.00	61.37	A194
ATOP	21145	32	CTT	147	117.254	19.547	4.591	1.00	61.37	A195
ATOP	21146	33	CTT	147	117.336	18.594	3.601	1.00	61.37	A196
ATOP	21147	34	CTT	147	117.711	20.411	4.791	1.00	61.37	A197
ATOP	21148	35	CTT	147	117.597	21.390	5.427	1.00	61.37	A198
ATOP	21149	36	CTT	147	118.066	22.427	5.576	1.00	61.37	A199
ATOP	21150	37	CTT	147	116.941	20.411	5.791	1.00	61.37	A200
ATOP	21151	38	CTT	147	117.461	16.519	6.056	1.00	61.37	A201
ATOP	21152	39	CTT	147	117.263	15.274	5.496	1.00	61.37	A202
ATOP	21153	40	CTT	147	117.219	15.290	7.571	1.00	61.37	A203
ATOP	21154	41	CTT	147	116.002	15.190	7.966	1.00	61.37	A204
ATOP	21155	42	CTT	147	116.515	15.164	6.721	1.00	61.37	A205
ATOP	21156	43	CTT	147	116.917	15.434	6.961	1.00	61.37	A206
ATOP	21157	44	CTT	147	120.016	16.787	6.931	1.00	61.37	A207
ATOP	21158	45	CTT	147	120.105	15.230	6.731	1.00	61.37	A208
ATOP	21159	46	CTT	147	120.361	16.479	6.111	1.00	61.37	A209
ATOP	21160	47	CTT	147	120.900	16.786	4.871	1.00	61.37	A210
ATOP	21161	48	CTT	147	120.030	15.271	3.991	1.00	61.37	A211
ATOP	21162	49	CTT	147	120.790	16.061	3.081	1.00	61.37	A212
ATOP	21163	50	CTT	147	120.886	17.488	3.366	1.00	61.37	A213
ATOP	21164	51	CTT	147	121.211	18.519	2.836	1.00	61.37	A214
ATOP	21165	52	CTT	147	121.011	18.544	1.571	1.00	61.37	A215
ATOP	21166	53	CTT	147	121.000	19.744	1.566	1.00	61.37	A216
ATOP	21167	54	CTT	147	122.482	19.973	0.971	1.00	61.37	A217
ATOP	21168	55	CTT	147	121.952	20.939	0.976	1.00	61.37	A218
ATOP	21169	56	CTT	147	121.824	20.974	3.366	1.00	61.37	A219
ATOP	21170	57	CTT	147	121.555	21.629	3.950	1.00	61.37	A220
ATOP	21171	58	CTT	147	121.714	19.582	3.731	1.00	61.37	A221
ATOP	21172	59	CTT	147	120.469	19.169	6.966	1.00	61.37	A222
ATOP	21173	60	CTT	147	120.641	17.499	6.411	1.00	61.37	A223
ATOP	21174	61	CTT	147	122.269	19.497	3.171	1.00	61.37	A224
ATOP	21175	62	CTT	147	122.161	16.434	1.511	1.00	61.37	A225
ATOP	21176	63	CTT	147	122.243	16.964	4.321	1.00	61.37	A226
ATOP	21177	64	CTT	147	123.344	16.958	4.581	1.00	61.37	A227
ATOP	21178	65	CTT	147	124.416	16.911	9.011	1.00	61.37	A228
ATOP	21179	66	CTT	147	123.755	17.479	4.876	1.00	61.37	A229
ATOP	21180	67	CTT	147	124.765	18.011	6.021	1.00	61.37	A230
ATOP	21181	68	CTT	147	125.168	19.420	5.711	1.00	61.37	A231
ATOP	21182	69	CTT	147	125.234	16.711	3.231	1.00	61.37	A232
ATOP	21183	70	CTT	147	125.714	15.997	1.211	1.00	61.37	A233
ATOP	21184	71	CTT	147	124.761	16.959	4.941	1.00	61.37	A234
ATOP	21185	72	CTT	147	125.491	17.790	6.301	1.00	61.37	A235
ATOP	21186	73	CTT	147	125.997	18.162	6.966	1.00	61.37	A236
ATOP	21187	74	CTT	147	125.611	20.216	9.011	1.00	61.37	A237
ATOP	21188	75	CTT	147	126.221	20.647	6.146	1.00	61.37	A238
ATOP	21189	76	CTT	147	126.417	21.943	6.127	1.00	61.37	A239
ATOP	21190	77	CTT	147	127.033	22.226	6.196	1.00	61.37	A240
ATOP	21191	78	CTT	147	126.285	22.754	6.941	1.00	61.37	A241
ATOP	21192	79	CTT	147	125.647	22.334	2.311	1.00	61.37	A242
ATOP	21193	80	CTT	147	125.116	23.111	6.911	1.00	61.37	A243
ATOP	21194	81	CTT	147	125.345	20.943	3.111	1.00	61.37	A244
ATOP	21195	82	CTT	147	124.777	22.222	3.801	1.00	61.37	A245
ATOP	21196	83	CTT	147	124.161	18.927	3.527	1.00	61.37	A246
ATOP	21197	84	CTT	147	124.902	17.364	2.996	1.00	61.37	A247
ATOP	21198	85	CTT	147	125.167	16.748	0.945	1.00	61.37	A248
ATOP	21199	86	CTT	147	127.002	16.261	1.445	1.00	61.37	A249
ATOP	21200	87	CTT	147	126.162	18.559	1.335	1.00	61.37	A250
ATOP	21201	88	CTT	147	125.432	18.863	2.946	1.00	61.37	A251
ATOP	21202	89	CTT	147	126.427	18.871	2.913	1.00	61.37	A252
ATOP	21203	90	CTT	147	127.069	18.872	3.503	1.00	61.37	A253
ATOP	21204	91	CTT	147	126.090	17.161	1.371	1.00	61.37	A254
ATOP	21205	92	CTT	147	126.415	16.978	0.401	1.00	61.37	A255
ATOP	21206	93	CTT	147	121.041	18.297	0.501	1.00	61.37	A256
ATOP	21207	94	CTT	147	125.982	19.191	0.469	1.00	61.37	A257
ATOP	21208	95	CTT	147	126.211	18.911	0.511	1.00	61.37	A258
ATOP	21209	96	CTT	147	127.780	21.051	0.706	1.00	61.37	A259
ATOP	21210	97	CTT	147	127.744	21.351	1.148	1.00	61.37	A260
ATOP	21211	98	CTT	147	126.383	22.374	0.521	1.00	61.37	A261
ATOP	21212	99	CTT	147	126.275	24.066	1.761	1.00	61.37	A262
ATOP	21213	100	CTT	147	126.973	23.575	3.023	1.00	61.37	A263
ATOP	21214	101	CTT	147	128.412	24.781	4.141	1.00	61.37	A264
ATOP	21215	102	CTT	147	127.075	22.166	3.741	1.00	61.37	A265
ATOP	21216	103	CTT	147	128.989	21.897	4.041	1.00	61.37	A266
ATOP	21217	104	CTT	147	127.066	20.355	1.461	1.00	61.37	A267
ATOP	21218	105	CTT	147	127.845	20.496	0.266	1.00	61.37	A268
ATOP	21219	106	CTT	147	125.422	20.640	1.463	1.00	61.37	A269
ATOP	21220	107	CTT	147	127.066	18.186	0.301	1.00	61.37	A270
ATOP	21221	108	CTT	147	123.194	18.660	0.011	1.00	61.37	A271
ATOP	21222	109	CTT	147	124.547	18.114	1.937	1.00	61.37	A272
ATOP	21223	110	CTT	147	125.435	18.680	0.448	1.00	61.37	A273
ATOP	21224	111	CTT	147	124.118	18.744	2.406	1.00	61.37	A274
ATOP	21225	112	CTT	147	125.426	21.438	0.823	1.00	61.37	A275
ATOP	21226	113	CTT	147	125.737	22.756	0.610	1.00	61.37	A276
ATOP	21227	114	CTT	147	124.562	23.629	6.7.			

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ATOC	21199	C1	GA	161	115.951	20.794	-1.636	1.00	66.40	A160
ATOC	21200	C1	GA	161	115.952	20.801	-1.671	1.00	66.40	A160
ATOC	21201	C1	GA	161	114.673	18.741	-3.674	1.00	66.40	A160
ATOC	21202	C1	GA	161	115.812	18.776	-2.575	1.00	66.40	A160
ATOC	21203	C1	GA	161	115.161	18.851	-1.751	1.00	66.40	A160
ATOC	21204	C1	GA	161	115.527	18.851	-0.461	1.00	66.40	A160
ATOC	21205	C1	GA	161	115.274	18.788	0.454	1.00	66.40	A160
ATOC	21206	C1	GA	161	114.451	18.454	1.496	1.00	66.40	A160
ATOC	21207	C1	GA	161	114.244	18.237	3.464	1.00	66.40	A160
ATOC	21208	C1	GA	161	113.941	18.425	2.814	1.00	66.40	A160
ATOC	21209	C1	GA	161	115.140	22.181	2.164	1.00	66.40	A160
ATOC	21210	C1	GA	161	114.739	22.274	2.564	1.00	66.40	A160
ATOC	21211	C1	GA	161	113.942	21.374	0.884	1.00	66.40	A160
ATOC	21212	C1	GA	161	114.551	21.901	-0.444	1.00	66.40	A160
ATOC	21213	C1	GA	161	114.244	21.054	-1.134	1.00	66.40	A160
ATOC	21214	C1	GA	161	113.612	18.881	-1.095	1.00	66.40	A160
ATOC	21215	C1	GA	161	113.888	21.154	-1.444	1.00	66.40	A160
ATOC	21216	C1	GA	161	113.640	18.434	-3.104	1.00	66.40	A160
ATOC	21217	C1	GA	161	112.478	17.971	-3.087	1.00	66.40	A160
ATOC	21218	C1	GA	161	113.151	18.961	-3.437	1.00	66.40	A160
ATOC	21219	C1	GA	161	110.042	18.331	-4.415	1.00	66.40	A160
ATOC	21220	C1	GA	161	111.339	21.379	-3.813	1.00	66.40	A160
ATOC	21221	C1	GA	161	110.808	18.619	-3.885	1.00	66.40	A160
ATOC	21222	C1	GA	161	110.251	18.684	-1.537	1.00	66.40	A160
ATOC	21223	C1	GA	161	109.644	18.809	-0.170	1.00	66.40	A160
ATOC	21224	C1	GA	161	110.749	18.171	0.714	1.00	66.40	A160
ATOC	21225	C1	GA	161	109.782	20.189	-0.807	1.00	66.40	A160
ATOC	21226	C1	GA	161	107.454	18.819	-0.499	1.00	66.40	A160
ATOC	21227	C1	GA	161	106.419	18.874	-0.719	1.00	66.40	A160
ATOC	21228	C1	GA	161	105.115	20.134	-1.871	1.00	66.40	A160
ATOC	21229	C1	GA	161	107.181	21.984	-1.631	1.00	66.40	A160
ATOC	21230	C1	GA	161	104.380	21.734	0.708	1.00	66.40	A160
ATOC	21231	C1	GA	161	105.625	21.914	1.732	1.00	66.40	A160
ATOC	21232	C1	GA	161	105.553	21.901	2.899	1.00	66.40	A160
ATOC	21233	C1	GA	161	106.470	22.174	3.117	1.00	66.40	A160
ATOC	21234	C1	GA	161	106.349	21.248	4.468	1.00	66.40	A160
ATOC	21235	C1	GA	161	107.832	24.284	0.281	1.00	66.40	A160
ATOC	21236	C1	GA	161	108.075	24.352	3.078	1.00	66.40	A160
ATOC	21237	C1	GA	161	108.214	24.064	4.468	1.00	66.40	A160
ATOC	21238	C1	GA	161	107.675	24.737	6.474	1.00	66.40	A160
ATOC	21239	C1	GA	161	106.144	25.215	5.237	1.00	66.40	A160
ATOC	21240	C1	GA	161	105.713	25.114	0.511	1.00	66.40	A160
ATOC	21241	C1	GA	161	104.653	25.874	5.534	1.00	66.40	A160
ATOC	21242	C1	GA	161	103.381	25.229	2.510	1.00	66.40	A160
ATOC	21243	C1	GA	161	105.711	23.874	4.754	1.00	66.40	A160
ATOC	21244	C1	GA	161	104.444	23.474	5.274	1.00	66.40	A160
ATOC	21245	C1	GA	161	104.954	21.784	7.004	1.00	66.40	A160
ATOC	21246	C1	GA	161	103.344	21.444	2.444	1.00	66.40	A160
ATOC	21247	C1	GA	161	102.742	21.274	2.174	1.00	66.40	A160
ATOC	21248	C1	GA	161	101.235	24.237	2.167	1.00	66.40	A160
ATOC	21249	C1	GA	161	102.444	24.884	8.004	1.00	66.40	A160
ATOC	21250	C1	GA	161	102.619	25.641	3.284	1.00	66.40	A160
ATOC	21251	C1	GA	161	102.198	25.651	4.182	1.00	66.40	A160
ATOC	21252	C1	GA	161	102.714	24.474	5.211	1.00	66.40	A160
ATOC	21253	C1	GA	161	101.172	27.414	5.540	1.00	66.40	A160
ATOC	21254	C1	GA	161	104.549	28.814	1.081	1.00	66.40	A160
ATOC	21255	C1	GA	161	105.019	28.174	4.651	1.00	66.40	A160
ATOC	21256	C1	GA	161	103.469	27.704	3.225	1.00	66.40	A160
ATOC	21257	C1	GA	161	103.469	27.704	3.225	1.00	66.40	A160
ATOC	21258	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21259	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21260	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21261	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21262	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21263	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21264	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21265	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21266	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21267	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21268	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21269	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21270	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21271	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21272	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
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ATOC	21276	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21277	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21278	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21279	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21280	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21281	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21282	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21283	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
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ATOC	21285	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21286	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21287	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21288	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21289	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21290	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21291	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21292	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21293	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21294	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21295	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21296	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21297	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21298	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21299	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21300	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21301	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21302	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21303	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21304	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21305	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21306	C1	GA	161	106.640	25.342	6.889	1.00	66.40	A160
ATOC	21307	C1	GA	16						

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ATON	22170	C1	001	100	99.757	71.795	-21.038	1.00	64.73	A160
ATON	22171	C1	001	100	98.812	70.636	-21.122	1.00	62.53	A161
ATON	22172	C1	001	100	100.041	74.718	-21.946	1.00	62.53	A162
ATON	22173	C1	001	100	100.970	75.878	-21.731	1.00	62.53	A163
ATON	22174	C1	001	100	99.345	74.747	-21.115	1.00	62.53	A164
ATON	22175	C1	001	100	98.274	73.643	-21.195	1.00	62.53	A165
ATON	22176	C1	001	100	97.730	71.470	-21.497	1.00	62.53	A166
ATON	22177	C1	001	100	96.176	70.640	-21.476	1.00	62.53	A167
ATON	22178	C1	001	100	101.951	71.417	-21.642	1.00	70.58	A168
ATON	22179	C1	001	100	101.061	74.200	-20.917	1.00	70.58	A169
ATON	22180	C1	001	100	102.434	76.016	-20.876	1.00	70.58	A170
ATON	22181	C1	001	100	103.361	78.104	-21.055	1.00	70.58	A171
ATON	22182	C1	001	100	104.716	77.433	-20.237	1.00	64.73	A172
ATON	22183	C1	001	100	105.740	76.779	-21.001	1.00	64.73	A173
ATON	22184	C1	001	100	105.607	78.389	-20.932	1.00	64.73	A174
ATON	22185	C1	001	100	104.353	76.291	-20.906	1.00	64.73	A175
ATON	22186	C1	001	100	104.375	76.901	-20.948	1.00	64.73	A176
ATON	22187	C1	001	100	105.317	78.141	-20.842	1.00	64.73	A177
ATON	22188	C1	001	100	104.578	76.201	-20.962	1.00	64.73	A178
ATON	22189	C1	001	100	107.065	78.092	-20.123	1.00	64.73	A179
ATON	22190	C1	001	100	106.045	74.301	-21.533	1.00	64.73	A180
ATON	22191	C1	001	100	109.826	75.131	-20.930	1.00	64.73	A181
ATON	22192	C1	001	100	110.029	74.093	-20.971	1.00	64.73	A182
ATON	22193	C1	001	100	110.004	73.164	-20.908	1.00	64.73	A183
ATON	22194	C1	001	100	111.103	76.688	-20.949	1.00	64.73	A184
ATON	22195	C1	001	100	111.195	75.666	-20.629	1.00	64.73	A185
ATON	22196	C1	001	100	112.741	76.213	-20.367	1.00	64.73	A186
ATON	22197	C1	001	100	109.931	76.015	-20.071	1.00	64.73	A187
ATON	22198	C1	001	100	107.149	75.536	-20.430	1.00	64.73	A188
ATON	22199	C1	001	100	107.395	71.937	-21.939	1.00	64.73	A189
ATON	22200	C1	001	100	105.675	72.721	-20.447	1.00	64.73	A190
ATON	22201	C1	001	100	104.953	72.842	-20.232	1.00	64.73	A191
ATON	22202	C1	001	100	101.813	70.793	-21.792	1.00	64.73	A192
ATON	22203	C1	001	100	104.781	69.465	-20.304	1.00	64.73	A193
ATON	22204	C1	001	100	107.534	71.339	-20.300	1.00	64.73	A194
ATON	22205	C1	001	100	101.906	70.719	-20.703	1.00	64.73	A195
ATON	22206	C1	001	100	102.939	70.071	-21.432	1.00	64.73	A196
ATON	22207	C1	001	100	101.608	69.047	-20.575	1.00	64.73	A197
ATON	22208	C1	001	100	104.544	64.730	-20.214	1.00	64.73	A198
ATON	22209	C1	001	100	100.033	61.533	-20.743	1.00	64.73	A199
ATON	22210	C1	001	100	104.924	65.999	-20.732	1.00	64.73	A200
ATON	22211	C1	001	100	105.675	66.621	-21.384	1.00	64.73	A201
ATON	22212	C1	001	100	105.532	67.642	-20.235	1.00	64.73	A202
ATON	22213	C1	001	100	101.571	66.191	-21.320	1.00	64.73	A203
ATON	22214	C1	001	100	101.977	67.198	-20.812	1.00	64.73	A204
ATON	22215	C1	001	100	102.581	68.066	-21.044	1.00	64.73	A205
ATON	22216	C1	001	100	102.725	66.183	-21.719	1.00	64.73	A206
ATON	22217	C1	001	100	101.778	68.939	-21.094	1.00	64.73	A207
ATON	22218	C1	001	100	101.644	70.284	-21.271	1.00	64.73	A208
ATON	22219	C1	001	100	101.117	71.179	-21.221	1.00	64.73	A209
ATON	22220	C1	001	100	100.044	71.604	-21.444	1.00	64.73	A210
ATON	22221	C1	001	100	98.529	72.393	-21.649	1.00	64.73	A211
ATON	22222	C1	001	100	91.282	72.181	-21.303	1.00	64.73	A212
ATON	22223	C1	001	100	91.217	74.126	-21.900	1.00	64.73	A213
ATON	22224	C1	001	100	94.378	74.014	-21.741	1.00	64.73	A214
ATON	22225	C1	001	100	91.310	74.844	-21.616	1.00	64.73	A215
ATON	22226	C1	001	100	95.218	73.143	-20.935	1.00	64.73	A216
ATON	22227	C1	001	100	97.332	72.476	-21.384	1.00	64.73	A217
ATON	22228	C1	001	100	97.213	71.681	-20.447	1.00	64.73	A218
ATON	22229	C1	001	100	96.481	72.409	-20.439	1.00	64.73	A219
ATON	22230	C1	001	100	99.766	71.621	-20.468	1.00	64.73	A220
ATON	22231	C1	001	100	100.140	71.997	-20.989	1.00	64.73	A221
ATON	22232	C1	001	100	99.222	73.197	-21.199	1.00	64.73	A222
ATON	22233	C1	001	100	99.365	74.176	-21.192	1.00	64.73	A223
ATON	22234	C1	001	100	99.959	71.824	-21.074	1.00	64.73	A224
ATON	22235	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A225
ATON	22236	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A226
ATON	22237	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A227
ATON	22238	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A228
ATON	22239	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A229
ATON	22240	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A230
ATON	22241	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A231
ATON	22242	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A232
ATON	22243	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A233
ATON	22244	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A234
ATON	22245	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A235
ATON	22246	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A236
ATON	22247	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A237
ATON	22248	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A238
ATON	22249	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A239
ATON	22250	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A240
ATON	22251	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A241
ATON	22252	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A242
ATON	22253	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A243
ATON	22254	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A244
ATON	22255	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A245
ATON	22256	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A246
ATON	22257	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A247
ATON	22258	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A248
ATON	22259	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A249
ATON	22260	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A250
ATON	22261	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A251
ATON	22262	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A252
ATON	22263	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A253
ATON	22264	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A254
ATON	22265	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A255
ATON	22266	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A256
ATON	22267	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A257
ATON	22268	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A258
ATON	22269	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A259
ATON	22270	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A260
ATON	22271	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A261
ATON	22272	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A262
ATON	22273	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A263
ATON	22274	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A264
ATON	22275	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A265
ATON	22276	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A266
ATON	22277	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A267
ATON	22278	C1	001	100	98.880	70.236	-20.238	1.00	64.73	A268
ATON	22279	C1	001	100	98.455	70.162	-21.659	1.00	64.73	A269
ATON	22280	C1	001	100	98.429	68.225	-21.037	1.00	64.73	A270
ATON	22281	C1	001	100	97.760	70.875	-20.582	1.00	64.73	A271
ATON	22282	C1	001	100	96.470	71.841	-20.918	1.00	64.73	A272
ATON	22283	C1	001	100	99.747	71.562	-20.477	1.00	64.73	A273
ATON	22284	C1	001	10						

ATON	21956	C1	AM	201	90.337	50.502	-0.517	1.00	73.48	A160	ATON	21999	C1	AM	200	88.955	49.130	24.499	1.00	100.00	A163
ATON	21957	C1	AM	201	91.144	50.012	-0.066	1.00	73.48	A162	ATON	22000	C1	AM	200	87.651	50.772	24.223	1.00	100.00	A164
ATON	21958	C1	AM	201	91.193	49.740	-0.270	1.00	55.55	A165	ATON	22001	C1	AM	200	88.712	51.317	24.063	1.00	100.00	A165
ATON	21959	C1	AM	201	91.410	49.904	-0.771	1.00	55.55	A166	ATON	22002	C1	AM	200	88.824	52.090	24.099	1.00	100.00	A166
ATON	21960	C1	AM	201	94.783	48.375	-0.226	1.00	55.55	A167	ATON	22003	C1	AM	200	89.170	52.991	24.060	1.00	100.00	A167
ATON	21961	C1	AM	201	95.952	47.620	-0.019	1.00	55.55	A168	ATON	22004	C1	AM	200	89.121	53.941	23.919	1.00	100.00	A168
ATON	21962	C1	AM	201	95.948	47.247	0.016	1.00	60.11	A169	ATON	22005	C1	AM	200	89.040	55.277	24.154	1.00	100.00	A169
ATON	21963	C1	AM	201	97.134	45.533	-0.711	1.00	55.55	A170	ATON	22006	C1	AM	200	89.043	55.716	23.959	1.00	100.00	A170
ATON	21964	C1	AM	201	99.369	45.572	-0.159	1.00	55.55	A171	ATON	22007	C1	AM	200	89.148	56.995	24.394	1.00	100.00	A171
ATON	21965	C1	AM	201	95.722	45.707	0.155	1.00	55.55	A172	ATON	22008	C1	AM	200	91.319	53.732	24.069	1.00	100.00	A172
ATON	21966	C1	AM	201	96.847	47.207	-0.040	1.00	60.12	A173	ATON	22009	C1	AM	200	92.270	56.567	25.172	1.00	100.00	A173
ATON	21967	C1	AM	201	94.411	47.582	-0.459	1.00	60.12	A174	ATON	22010	C1	AM	200	91.372	56.563	25.170	1.00	100.00	A174
ATON	21968	C1	AM	201	93.470	48.987	-0.172	1.00	60.12	A175	ATON	22011	C1	AM	200	87.601	54.000	27.961	1.00	100.00	A175
ATON	21969	C1	AM	201	94.107	48.084	-0.271	1.00	60.12	A176	ATON	22012	C1	AM	200	88.789	55.116	27.710	1.00	100.00	A176
ATON	21970	C1	AM	201	93.109	48.747	-0.264	1.00	54.53	A177	ATON	22013	C1	AM	200	88.844	55.278	27.157	1.00	100.00	A177
ATON	21971	C1	AM	201	92.074	48.538	-0.150	1.00	54.53	A178	ATON	22014	C1	AM	200	87.944	56.216	27.011	1.00	100.00	A178
ATON	21972	C1	AM	201	91.044	48.770	-0.476	1.00	54.53	A179	ATON	22015	C1	AM	200	87.663	56.584	27.061	1.00	100.00	A179
ATON	21973	C1	AM	201	90.602	51.231	-0.047	1.00	54.53	A180	ATON	22016	C1	AM	200	88.844	57.213	27.157	1.00	100.00	A180
ATON	21974	C1	AM	201	91.750	50.400	-0.510	1.00	54.53	A181	ATON	22017	C1	AM	200	88.809	57.830	27.222	1.00	100.00	A181
ATON	21975	C1	AM	201	89.985	49.391	-0.276	1.00	54.53	A182	ATON	22018	C1	AM	200	88.809	58.449	27.222	1.00	100.00	A182
ATON	21976	C1	AM	201	89.912	49.704	-0.099	1.00	54.53	A183	ATON	22019	C1	AM	200	88.844	59.159	27.010	1.00	100.00	A183
ATON	21977	C1	AM	201	91.209	49.900	-0.015	1.00	54.53	A184	ATON	22020	C1	AM	200	88.844	59.869	27.010	1.00	100.00	A184
ATON	21978	C1	AM	201	91.764	47.349	-0.212	1.00	54.53	A185	ATON	22021	C1	AM	200	88.844	60.579	27.010	1.00	100.00	A185
ATON	21979	C1	AM	201	92.374	47.589	-0.040	1.00	54.53	A186	ATON	22022	C1	AM	200	88.844	61.289	27.010	1.00	100.00	A186
ATON	21980	C1	AM	201	92.984	47.829	-0.040	1.00	54.53	A187	ATON	22023	C1	AM	200	88.844	61.999	27.010	1.00	100.00	A187
ATON	21981	C1	AM	201	93.594	47.829	-0.040	1.00	54.53	A188	ATON	22024	C1	AM	200	88.844	62.709	27.010	1.00	100.00	A188
ATON	21982	C1	AM	201	94.204	47.829	-0.040	1.00	54.53	A189	ATON	22025	C1	AM	200	88.844	63.419	27.010	1.00	100.00	A189
ATON	21983	C1	AM	201	94.814	47.829	-0.040	1.00	54.53	A190	ATON	22026	C1	AM	200	88.844	64.129	27.010	1.00	100.00	A190
ATON	21984	C1	AM	201	95.424	47.829	-0.040	1.00	54.53	A191	ATON	22027	C1	AM	200	88.844	64.839	27.010	1.00	100.00	A191
ATON	21985	C1	AM	201	96.034	47.829	-0.040	1.00	54.53	A192	ATON	22028	C1	AM	200	88.844	65.549	27.010	1.00	100.00	A192
ATON	21986	C1	AM	201	96.644	47.829	-0.040	1.00	54.53	A193	ATON	22029	C1	AM	200	88.844	66.259	27.010	1.00	100.00	A193
ATON	21987	C1	AM	201	97.254	47.829	-0.040	1.00	54.53	A194	ATON	22030	C1	AM	200	88.844	66.969	27.010	1.00	100.00	A194
ATON	21988	C1	AM	201	97.864	47.829	-0.040	1.00	54.53	A195	ATON	22031	C1	AM	200	88.844	67.679	27.010	1.00	100.00	A195
ATON	21989	C1	AM	201	98.474	47.829	-0.040	1.00	54.53	A196	ATON	22032	C1	AM	200	88.844	68.389	27.010	1.00	100.00	A196
ATON	21990	C1	AM	201	99.084	47.829	-0.040	1.00	54.53	A197	ATON	22033	C1	AM	200	88.844	69.099	27.010	1.00	100.00	A197
ATON	21991	C1	AM	201	99.694	47.829	-0.040	1.00	54.53	A198	ATON	22034	C1	AM	200	88.844	69.809	27.010	1.00	100.00	A198
ATON	21992	C1	AM	201	100.304	47.829	-0.040	1.00	54.53	A199	ATON	22035	C1	AM	200	88.844	70.519	27.010	1.00	100.00	A199
ATON	21993	C1	AM	201	100.914	47.829	-0.040	1.00	54.53	A200	ATON	22036	C1	AM	200	88.844	71.229	27.010	1.00	100.00	A200
ATON	21994	C1	AM	201	101.524	47.829	-0.040	1.00	54.53	A201	ATON	22037	C1	AM	200	88.844	71.939	27.010	1.00	100.00	A201
ATON	21995	C1	AM	201	102.134	47.829	-0.040	1.00	54.53	A202	ATON	22038	C1	AM	200	88.844	72.649	27.010	1.00	100.00	A202
ATON	21996	C1	AM	201	102.744	47.829	-0.040	1.00	54.53	A203	ATON	22039	C1	AM	200	88.844	73.359	27.010	1.00	100.00	A203
ATON	21997	C1	AM	201	103.354	47.829	-0.040	1.00	54.53	A204	ATON	22040	C1	AM	200	88.844	74.069	27.010	1.00	100.00	A204
ATON	21998	C1	AM	201	103.964	47.829	-0.040	1.00	54.53	A205	ATON	22041	C1	AM	200	88.844	74.779	27.010	1.00	100.00	A205
ATON	21999	C1	AM	201	104.574	47.829	-0.040	1.00	54.53	A206	ATON	22042	C1	AM	200	88.844	75.489	27.010	1.00	100.00	A206
ATON	22000	C1	AM	201	105.184	47.829	-0.040	1.00	54.53	A207	ATON	22043	C1	AM	200	88.844	76.199	27.010	1.00	100.00	A207
ATON	22001	C1	AM	201	105.794	47.829	-0.040	1.00	54.53	A208	ATON	22044	C1	AM	200	88.844	76.909	27.010	1.00	100.00	A208
ATON	22002	C1	AM	201	106.404	47.829	-0.040	1.00	54.53	A209	ATON	22045	C1	AM	200	88.844	77.619	27.010	1.00	100.00	A209
ATON	22003	C1	AM	201	107.014	47.829	-0.040	1.00	54.53	A210	ATON	22046	C1	AM	200	88.844	78.329	27.010	1.00	100.00	A210
ATON	22004	C1	AM	201	107.624	47.829	-0.040	1.00	54.53	A211	ATON	22047	C1	AM	200	88.844	79.039	27.010	1.00	100.00	A211
ATON	22005	C1	AM	201	108.234	47.829	-0.040	1.00	54.53	A212	ATON	22048	C1	AM	200	88.844	79.749	27.010	1.00	100.00	A212
ATON	22006	C1	AM	201	108.844	47.829	-0.040	1.00	54.53	A213	ATON	22049	C1	AM	200	88.844	80.459	27.010	1.00	100.00	A213
ATON	22007	C1	AM	201	109.454	47.829	-0.040	1.00	54.53	A214	ATON	22050	C1	AM	200	88.844	81.169	27.010	1.00	100.00	A214
ATON	22008	C1	AM	201	110.064	47.829	-0.040	1.00	54.53	A215	ATON	22051	C1	AM	200	88.844	81.879	27.010	1.00	100.00	A215
ATON	22009	C1	AM	201	110.674	47.829	-0.040	1.00	54.53	A216	ATON	22052	C1	AM	200	88.844	82.589	27.010	1.00	100.00	A216
ATON	22010	C1	AM	201	111.284	47.829	-0.040	1.00	54.53	A217	ATON	22053	C1	AM	200	88.844	83.299	27.010	1.00	100.00	A217
ATON	22011	C1	AM	201	111.894	47.829	-0.040	1.00	54.53	A218	ATON	22054	C1	AM	200	88.844	84.009	27.010	1.00	100.00	A218
ATON	22012	C1	AM	201	112.504	47.829	-0.040	1.00	54.53	A219	ATON	22055	C1	AM	200	88.844	84.719	27.010	1.00	100.00	A219
ATON	22013	C1	AM	201	113.114	47.829	-0.040	1.00	54.53	A220	ATON	22056	C1	AM	200	88.844	85.429	27.010	1.00	100.00	A220
ATON	22014	C1	AM	201	113.724	47.829	-0.040	1.00	54.53	A221	ATON	22057	C1	AM	200	88.844	86.139	27.010	1.00	100.00	A221
ATON	22015	C1	AM	201	114.334	47.829	-0.040	1.00	54.53	A222	ATON	22058	C1	AM	200	88.844	86.849	27.010	1.00	100.00	A222
ATON	22016	C1	AM	201	114.944	47.829	-0.040	1.00	54.53	A223	ATON	22059	C1	AM	200	88.844	87.559	27.010	1.00	100.00	A223
ATON	22017	C1	AM	201	115.554	47.829	-0.040	1.00	54												

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ATON	23265	019	Q2A	222	100.743	76.727	-3.788	1.00	56.24	A180
ATON	23266	024	Q2A	222	101.123	72.002	-0.991	1.00	56.21	A180
ATON	23267	031	Q2A	222	101.503	67.277	-0.267	1.00	56.18	A180
ATON	23268	038	Q2A	222	101.879	62.552	0.463	1.00	56.16	A180
ATON	23269	041	Q2A	222	100.073	76.178	-3.413	1.00	55.94	A180
ATON	23270	048	Q2A	222	100.453	71.453	-2.683	1.00	55.91	A180
ATON	23280	01	Q2A	222	101.943	61.827	-0.007	1.00	56.29	A180
ATON	23281	08	Q2A	222	102.323	57.103	-1.057	1.00	56.26	A180
ATON	23282	09	Q2A	222	100.932	71.981	-3.413	1.00	56.24	A180
ATON	23291	01	Q2A	222	101.508	60.003	-0.003	1.00	56.29	A180
ATON	23292	08	Q2A	222	101.879	55.378	-1.126	1.00	56.20	A180
ATON	23295	02	Q2A	222	102.243	70.118	-1.001	1.00	56.29	A180
ATON	23296	03	Q2A	222	102.619	66.393	-0.815	1.00	56.29	A180
ATON	23297	04	Q2A	222	102.995	62.668	-0.590	1.00	56.29	A180
ATON	23298	05	Q2A	222	103.371	58.943	-0.365	1.00	56.29	A180
ATON	23299	06	Q2A	222	103.747	55.218	-0.140	1.00	56.29	A180
ATON	23300	07	Q2A	222	104.123	51.493	0.085	1.00	56.29	A180
ATON	23301	08	Q2A	222	104.500	47.768	0.310	1.00	56.29	A180
ATON	23302	09	Q2A	222	104.876	44.043	0.535	1.00	56.29	A180
ATON	23303	10	Q2A	222	105.252	40.318	0.760	1.00	56.29	A180
ATON	23304	11	Q2A	222	105.628	36.593	0.985	1.00	56.29	A180
ATON	23305	12	Q2A	222	106.004	32.868	1.210	1.00	56.29	A180
ATON	23306	01	Q2A	222	101.902	60.003	-0.003	1.00	56.29	A180
ATON	23307	08	Q2A	222	102.278	55.378	-1.126	1.00	56.20	A180
ATON	23308	09	Q2A	222	102.654	50.653	-1.351	1.00	56.19	A180
ATON	23309	10	Q2A	222	103.030	46.928	-1.576	1.00	56.18	A180
ATON	23310	11	Q2A	222	103.406	43.203	-1.801	1.00	56.17	A180
ATON	23311	12	Q2A	222	103.782	39.478	-2.026	1.00	56.16	A180
ATON	23312	01	Q2A	222	104.158	35.753	-2.251	1.00	56.15	A180
ATON	23313	02	Q2A	222	104.534	32.028	-2.476	1.00	56.14	A180
ATON	23314	03	Q2A	222	104.910	28.303	-2.701	1.00	56.13	A180
ATON	23315	04	Q2A	222	105.286	24.578	-2.926	1.00	56.12	A180
ATON	23316	05	Q2A	222	105.662	20.853	-3.151	1.00	56.11	A180
ATON	23317	06	Q2A	222	106.038	17.128	-3.376	1.00	56.10	A180
ATON	23318	07	Q2A	222	106.414	13.403	-3.601	1.00	56.09	A180
ATON	23319	08	Q2A	222	106.790	9.678	-3.826	1.00	56.08	A180
ATON	23320	09	Q2A	222	107.166	5.953	-4.051	1.00	56.07	A180
ATON	23321	10	Q2A	222	107.542	2.228	-4.276	1.00	56.06	A180
ATON	23322	11	Q2A	222	107.918	-1.503	-4.501	1.00	56.05	A18

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ATON	14080	C1	QDA	255	116.780	57.777	-22.788	1.00	78.28	A162
ATON	14081	C1	QDA	255	117.014	56.647	-27.143	1.00	78.28	A163
ATON	14082	C1	QDA	255	117.299	55.517	-31.498	1.00	78.28	A164
ATON	14083	C1	QDA	255	117.584	54.387	-35.853	1.00	78.28	A165
ATON	14084	C1	QDA	255	117.869	53.257	-40.208	1.00	78.28	A166
ATON	14085	C1	QDA	255	118.154	52.127	-44.563	1.00	78.28	A167
ATON	14086	C1	QDA	255	118.439	50.997	-48.918	1.00	78.28	A168
ATON	14087	C1	QDA	255	118.724	49.867	-53.273	1.00	78.28	A169
ATON	14088	C1	QDA	255	119.009	48.737	-57.628	1.00	78.28	A170
ATON	14089	C1	QDA	255	119.294	47.607	-61.983	1.00	78.28	A171
ATON	14090	C1	QDA	255	119.579	46.477	-66.338	1.00	78.28	A172
ATON	14091	C1	QDA	255	119.864	45.347	-70.693	1.00	78.28	A173
ATON	14092	C1	QDA	255	120.149	44.217	-75.048	1.00	78.28	A174
ATON	14093	C1	QDA	255	120.434	43.087	-79.403	1.00	78.28	A175
ATON	14094	C1	QDA	255	120.719	41.957	-83.758	1.00	78.28	A176
ATON	14095	C1	QDA	255	121.004	40.827	-88.113	1.00	78.28	A177
ATON	14096	C1	QDA	255	121.289	39.697	-92.468	1.00	78.28	A178
ATON	14097	C1	QDA	255	121.574	38.567	-96.823	1.00	78.28	A179
ATON	14098	C1	QDA	255	121.859	37.437	-101.178	1.00	78.28	A180
ATON	14099	C1	QDA	255	122.144	36.307	-105.533	1.00	78.28	A181
ATON	14100	C1	QDA	255	122.429	35.177	-109.888	1.00	78.28	A182
ATON	14101	C1	QDA	255	122.714	34.047	-114.243	1.00	78.28	A183
ATON	14102	C1	QDA	255	122.999	32.917	-118.598	1.00	78.28	A184
ATON	14103	C1	QDA	255	123.284	31.787	-122.953	1.00	78.28	A185
ATON	14104	C1	QDA	255	123.569	30.657	-127.308	1.00	78.28	A186
ATON	14105	C1	QDA	255	123.854	29.527	-131.663	1.00	78.28	A187
ATON	14106	C1	QDA	255	124.139	28.397	-136.018	1.00	78.28	A188
ATON	14107	C1	QDA	255	124.424	27.267	-140.373	1.00	78.28	A189
ATON	14108	C1	QDA	255	124.709	26.137	-144.728	1.00	78.28	A190
ATON	14109	C1	QDA	255	124.994	25.007	-149.083	1.00	78.28	A191
ATON	14110	C1	QDA	255	125.279	23.877	-153.438	1.00	78.28	A192
ATON	14111	C1	QDA	255	125.564	22.747	-157.793	1.00	78.28	A193
ATON	14112	C1	QDA	255	125.849	21.617	-162.148	1.00	78.28	A194
ATON	14113	C1	QDA	255	126.134	20.487	-166.503	1.00	78.28	A195
ATON	14114	C1	QDA	255	126.419	19.357	-170.858	1.00	78.28	A196
ATON	14115	C1	QDA	255	126.704	18.227	-175.213	1.00	78.28	A197
ATON	14116	C1	QDA	255	126.989	17.097	-179.568	1.00	78.28	A198
ATON	14117	C1	QDA	255	127.274	15.967	-183.923	1.00	78.28	A199
ATON	14118	C1	QDA	255	127.559	14.837	-188.278	1.00	78.28	A200
ATON	14119	C1	QDA	255	127.844	13.707	-192.633	1.00	78.28	A201
ATON	14120	C1	QDA	255	128.129	12.577	-196.988	1.00	78.28	A202
ATON	14121	C1	QDA	255	128.414	11.447	-201.343	1.00	78.28	A203
ATON	14122	C1	QDA	255	128.699	10.317	-205.698	1.00	78.28	A204
ATON	14123	C1	QDA	255	128.984	9.187	-210.053	1.00	78.28	A205
ATON	14124	C1	QDA	255	129.269	8.057	-214.408	1.00	78.28	A206
ATON	14125	C1	QDA	255	129.554	6.927	-218.763	1.00	78.28	A207
ATON	14126	C1	QDA	255	129.839	5.797	-223.118	1.00	78.28	A208
ATON	14127	C1	QDA	255	130.124	4.667	-227.473	1.00	78.28	A209
ATON	14128	C1	QDA	255	130.409	3.537	-231.828	1.00	78.28	A210
ATON	14129	C1	QDA	255	130.694	2.407	-236.183	1.00	78.28	A211
ATON	14130	C1	QDA	255	130.979	1.277	-240.538	1.00	78.28	A212
ATON	14131	C1	QDA	255	131.264	0.147	-244.893	1.00	78.28	A213
ATON	14132	C1	QDA	255	131.549	-0.983	-249.248	1.00	78.28	A214
ATON	14133	C1	QDA	255	131.834	-2.113	-253.603	1.00	78.28	A215
ATON	14134	C1	QDA	255	132.119	-3.243	-257.958	1.00	78.28	A216
ATON	14135	C1	QDA	255	132.404	-4.373	-262.313	1.00	78.28	A217
ATON	14136	C1	QDA	255	132.689	-5.503	-266.668	1.00	78.28	A218
ATON	14137	C1	QDA	255	132.974	-6.633	-271.023	1.00	78.28	A219
ATON	14138	C1	QDA	255	133.259	-7.763	-275.378	1.00	78.28	A220
ATON	14139	C1	QDA	255	133.544	-8.893	-279.733	1.00	78.28	A221
ATON	14140	C1	QDA	255	133.829	-10.023	-284.088	1.00	78.28	A222
ATON	14141	C1	QDA	255	134.114	-11.153	-288.443	1.00	78.28	A223
ATON	14142	C1	QDA	255	134.399	-12.283	-292.798	1.00	78.28	A224
ATON	14143	C1	QDA	255	134.684	-13.413	-297.153	1.00	78.28	A225
ATON	14144	C1	QDA	255	134.969	-14.543	-301.508	1.00	78.28	A226
ATON	14145	C1	QDA	255	135.254	-15.673	-305.863	1.00	78.28	A227
ATON	14146	C1	QDA	255	135.539	-16.803	-310.218	1.00	78.28	A228
ATON	14147	C1	QDA	255	135.824	-17.933	-314.573	1.00	78.28	A229
ATON	14148	C1	QDA	255	136.109	-19.063	-318.928	1.00	78.28	A230
ATON	14149	C1	QDA	255	136.394	-20.193	-323.283	1.00	78.28	A231
ATON	14150	C1	QDA	255	136.679	-21.323	-327.638	1.00	78.28	A232
ATON	14151	C1	QDA	255	136.964	-22.453	-331.993	1.00	78.28	A233
ATON	14152	C1	QDA	255	137.249	-23.583	-336.348	1.00	78.28	A234
ATON	14153	C1	QDA	255	137.534	-24.713	-340.703	1.00	78.28	A235
ATON	14154	C1	QDA	255	137.819	-25.843	-345.058	1.00	78.28	A236
ATON	14155	C1	QDA	255	138.104	-26.973	-349.413	1.00	78.28	A237
ATON	14156	C1	QDA	255	138.389	-28.103	-353.768	1.00	78.28	A238
ATON	14157	C1	QDA	255	138.674	-29.233	-358.123	1.00	78.28	A239
ATON	14158	C1	QDA	255	138.959	-30.363	-362.478	1.00	78.28	A240
ATON	14159	C1	QDA	255	139.244	-31.493	-366.833	1.00	78.28	A241
ATON	14160	C1	QDA	255	139.529	-32.623	-371.188	1.00	78.28	A242
ATON	14161	C1	QDA	255	139.814	-33.753	-375.543	1.00	78.28	A243
ATON	14162	C1	QDA	255	140.099	-34.883	-379.898	1.00	78.28	A244
ATON	14163	C1	QDA	255	140.384	-36.013	-384.253	1.00	78.28	A245
ATON	14164	C1	QDA	255	140.669	-37.143	-388.608	1.00	78.28	A246
ATON	14165	C1	QDA	255	140.954	-38.273	-392.963	1.00	78.28	A247
ATON	14166	C1	QDA	255	141.239	-39.403	-397.318	1.00	78.28	A248
ATON	14167	C1	QDA	255	141.524	-40.533	-401.673	1.00	78.28	A249
ATON	14168	C1	QDA	255	141.809	-41.663	-406.028	1.00	78.28	A250
ATON	14169	C1	QDA	255	142.094	-42.793	-410.383	1.00	78.28	A251
ATON	14170	C1	QDA	255	142.379	-43.923	-414.738	1.00	78.28	A252
ATON	14171	C1	QDA	255	142.664	-45.053	-419.093	1.00	78.28	A253
ATON	14172	C1	QDA	255	142.949	-46.183	-423.448	1.00	78.28	A254
ATON	14173	C1	QDA	255	143.234	-47.313	-427.803	1.00	78.28	A255
ATON	14174	C1	QDA	255	143.519	-48.443	-432.158	1.00	78.28	A256
ATON	14175	C1	QDA	255	143.804	-49.573	-436.513	1.00	78.28	A257
ATON	14176	C1	QDA	255	144.089	-50.703	-440.868	1.00	78.28	A258
ATON	14177	C1	QDA	255	144.374	-51.833	-445.223	1.00	78.28	A259
ATON	14178	C1	QDA	255	144.659	-52.963	-449.578	1.00	78.28	A260
ATON	14179	C1	QDA	255	144.944	-54.093	-453.933	1.00	78.28	A261
ATON	14180	C1	QDA	255	145.229	-55.223	-458.288	1.00	78.28	A262
ATON	14181	C1	QDA	255	145.514	-56.353	-462.643	1.00	78.28	A263
ATON	14182	C1	QDA	255	145.799	-57.483	-466.998	1.00	78.28	A264
ATON	14183	C1	QDA	255	146.084	-58.613	-471.353	1.00	78.28	A265
ATON	14184	C1	QDA	255	146.369	-59.743	-475.708	1.00	78.28	A266
ATON	14185	C1	QDA	255	146.654	-60.873	-480.063	1.00	78.28	A267
ATON	14186	C1	QDA	255	146.939	-62.003	-484.418	1.00	78.28	A268
ATON	14187	C1	QDA	255	147.224	-63.133	-488.773	1.00	78.28	A269
ATON	14188	C1	QDA	255	147.509	-64.263	-493.128	1.00	78.28	A270
ATON	14189	C1	QDA	255	147.794	-65.393	-497.483	1.00	78.28	A271
ATON	14190	C1	QDA	255	148.079	-66.523	-501.838	1.00	78.28	A272
ATON	14191	C1	QDA	255	148.364	-67.653	-506.193	1.00	78.28	A273
ATON	14192	C1	QDA	255	148.649	-68.783	-510.548	1.00	78.28	A274
ATON	14193	C1	QDA	255	148.934	-69.913	-514.903	1.00	78.28	A275
ATON	14194	C1	QDA	255	149.219	-71.043	-519.258	1.00	78.28	A276

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ATON	21281	02	AME	268	125.043	61.774	-61.626	1.00	88.51	A161	ATON	21478	01	CTT	275	136.773	68.774	-30.164	1.00	90.84	A168
ATON	21282	01	AME	268	126.110	61.626	-61.626	1.00	88.51	A162	ATON	21479	01	CTT	275	136.431	67.774	-30.164	1.00	91.75	A169
ATON	21283	01	AME	268	126.110	61.648	-61.722	1.00	88.51	A163	ATON	21480	01	CTT	275	137.183	67.774	-30.164	1.00	91.75	A170
ATON	21284	01	AME	268	127.071	61.648	-61.744	1.00	88.51	A164	ATON	21481	01	CTT	275	137.935	67.774	-30.164	1.00	91.75	A171
ATON	21285	01	AME	268	127.787	61.648	-61.744	1.00	88.51	A165	ATON	21482	01	CTT	275	138.687	67.774	-30.164	1.00	91.75	A172
ATON	21286	01	AME	268	128.441	61.336	-60.340	1.00	88.51	A166	ATON	21483	01	CTT	275	139.439	67.774	-30.164	1.00	91.75	A173
ATON	21287	01	AME	268	128.766	61.072	-60.072	1.00	88.51	A167	ATON	21484	01	CTT	275	140.191	67.774	-30.164	1.00	91.75	A174
ATON	21288	01	AME	268	128.839	61.072	-60.072	1.00	88.51	A168	ATON	21485	01	CTT	275	140.943	67.774	-30.164	1.00	91.75	A175
ATON	21289	01	AME	268	129.153	60.321	-61.003	1.00	88.51	A169	ATON	21486	01	CTT	275	141.695	67.774	-30.164	1.00	91.75	A176
ATON	21290	01	AME	268	129.869	60.321	-61.003	1.00	88.51	A170	ATON	21487	01	CTT	275	142.447	67.774	-30.164	1.00	91.75	A177
ATON	21291	01	AME	268	129.918	60.321	-61.003	1.00	88.51	A171	ATON	21488	01	CTT	275	143.199	67.774	-30.164	1.00	91.75	A178
ATON	21292	01	AME	268	130.002	60.817	-61.509	1.00	88.51	A172	ATON	21489	01	CTT	275	143.951	67.774	-30.164	1.00	91.75	A179
ATON	21293	01	AME	268	130.936	60.817	-61.509	1.00	88.51	A173	ATON	21490	01	CTT	275	144.703	67.774	-30.164	1.00	91.75	A180
ATON	21294	01	AME	268	130.932	61.213	-61.123	1.00	88.51	A174	ATON	21491	01	CTT	275	145.455	67.774	-30.164	1.00	91.75	A181
ATON	21295	01	AME	268	130.932	61.213	-61.123	1.00	88.51	A175	ATON	21492	01	CTT	275	146.207	67.774	-30.164	1.00	91.75	A182
ATON	21296	01	AME	268	131.243	60.437	-60.991	1.00	88.51	A176	ATON	21493	01	CTT	275	146.959	67.774	-30.164	1.00	91.75	A183
ATON	21297	01	AME	268	131.243	60.437	-60.991	1.00	88.51	A177	ATON	21494	01	CTT	275	147.711	67.774	-30.164	1.00	91.75	A184
ATON	21298	01	AME	268	131.551	60.437	-60.991	1.00	88.51	A178	ATON	21495	01	CTT	275	148.463	67.774	-30.164	1.00	91.75	A185
ATON	21299	01	AME	268	131.551	60.437	-60.991	1.00	88.51	A179	ATON	21496	01	CTT	275	149.215	67.774	-30.164	1.00	91.75	A186
ATON	21300	01	AME	268	131.864	61.099	-62.955	1.00	88.51	A180	ATON	21497	01	CTT	275	149.967	67.774	-30.164	1.00	91.75	A187
ATON	21301	01	AME	268	130.197	60.437	-60.991	1.00	88.51	A181	ATON	21498	01	CTT	275	150.719	67.774	-30.164	1.00	91.75	A188
ATON	21302	01	AME	268	130.197	60.437	-60.991	1.00	88.51	A182	ATON	21499	01	CTT	275	151.471	67.774	-30.164	1.00	91.75	A189
ATON	21303	01	AME	268	130.515	60.437	-60.991	1.00	88.51	A183	ATON	21500	01	CTT	275	152.223	67.774	-30.164	1.00	91.75	A190
ATON	21304	01	AME	268	130.515	60.437	-60.991	1.00	88.51	A184	ATON	21501	01	CTT	275	152.975	67.774	-30.164	1.00	91.75	A191
ATON	21305	01	AME	268	130.839	60.437	-60.991	1.00	88.51	A185	ATON	21502	01	CTT	275	153.727	67.774	-30.164	1.00	91.75	A192
ATON	21306	01	AME	268	131.159	60.817	-61.436	1.00	88.51	A186	ATON	21503	01	CTT	275	154.479	67.774	-30.164	1.00	91.75	A193
ATON	21307	01	AME	268	131.469	60.817	-61.436	1.00	88.51	A187	ATON	21504	01	CTT	275	155.231	67.774	-30.164	1.00	91.75	A194
ATON	21308	01	AME	268	131.469	60.817	-61.436	1.00	88.51	A188	ATON	21505	01	CTT	275	155.983	67.774	-30.164	1.00	91.75	A195
ATON	21309	01	AME	268	131.784	60.240	-61.031	1.00	88.51	A189	ATON	21506	01	CTT	275	156.735	67.774	-30.164	1.00	91.75	A196
ATON	21310	01	AME	268	131.784	60.240	-61.031	1.00	88.51	A190	ATON	21507	01	CTT	275	157.487	67.774	-30.164	1.00	91.75	A197
ATON	21311	01	AME	268	132.097	61.012	-61.109	1.00	88.51	A191	ATON	21508	01	CTT	275	158.239	67.774	-30.164	1.00	91.75	A198
ATON	21312	01	AME	268	132.097	61.012	-61.109	1.00	88.51	A192	ATON	21509	01	CTT	275	158.991	67.774	-30.164	1.00	91.75	A199
ATON	21313	01	AME	268	132.410	61.787	-61.641	1.00	88.51	A193	ATON	21510	01	CTT	275	159.743	67.774	-30.164	1.00	91.75	A200
ATON	21314	01	AME	268	132.410	61.787	-61.641	1.00	88.51	A194	ATON	21511	01	CTT	275	160.495	67.774	-30.164	1.00	91.75	A201
ATON	21315	01	AME	268	132.723	61.787	-61.641	1.00	88.51	A195	ATON	21512	01	CTT	275	161.247	67.774	-30.164	1.00	91.75	A202
ATON	21316	01	AME	268	132.723	61.787	-61.641	1.00	88.51	A196	ATON	21513	01	CTT	275	162.000	67.774	-30.164	1.00	91.75	A203
ATON	21317	01	AME	268	133.036	62.035	-61.994	1.00	88.51	A197	ATON	21514	01	CTT	275	162.752	67.774	-30.164	1.00	91.75	A204
ATON	21318	01	AME	268	133.036	62.035	-61.994	1.00	88.51	A198	ATON	21515	01	CTT	275	163.504	67.774	-30.164	1.00	91.75	A205
ATON	21319	01	AME	268	133.349	60.817	-61.032	1.00	88.51	A199	ATON	21516	01	CTT	275	164.256	67.774	-30.164	1.00	91.75	A206
ATON	21320	01	AME	268	133.349	60.817	-61.032	1.00	88.51	A200	ATON	21517	01	CTT	275	165.008	67.774	-30.164	1.00	91.75	A207
ATON	21321	01	AME	268	133.662	60.817	-61.032	1.00	88.51	A201	ATON	21518	01	CTT	275	165.760	67.774	-30.164	1.00	91.75	A208
ATON	21322	01	AME	268	133.662	60.817	-61.032	1.00	88.51	A202	ATON	21519	01	CTT	275	166.512	67.774	-30.164	1.00	91.75	A209
ATON	21323	01	AME	268	133.975	60.817	-61.032	1.00	88.51	A203	ATON	21520	01	CTT	275	167.264	67.774	-30.164	1.00	91.75	A210
ATON	21324	01	AME	268	134.288	61.581	-61.521	1.00	88.51	A204	ATON	21521	01	CTT	275	168.016	67.774	-30.164	1.00	91.75	A211
ATON	21325	01	AME	268	134.288	61.581	-61.521	1.00	88.51	A205	ATON	21522	01	CTT	275	168.768	67.774	-30.164	1.00	91.75	A212
ATON	21326	01	AME	268	134.601	60.817	-61.032	1.00	88.51	A206	ATON	21523	01	CTT	275	169.520	67.774	-30.164	1.00	91.75	A213
ATON	21327	01	AME	268	134.601	60.817	-61.032	1.00	88.51	A207	ATON	21524	01	CTT	275	170.272	67.774	-30.164	1.00	91.75	A214
ATON	21328	01	AME	268	134.914	61.581	-61.521	1.00	88.51	A208	ATON	21525	01	CTT	275	171.024	67.774	-30.164	1.00	91.75	A215
ATON	21329	01	AME	268	134.914	61.581	-61.521	1.00	88.51	A209	ATON	21526	01	CTT	275	171.776	67.774	-30.164	1.00	91.75	A216
ATON	21330	01	AME	268	135.227	61.581	-61.521	1.00	88.51	A210	ATON	21527	01	CTT	275	172.528	67.774	-30.164	1.00	91.75	A217
ATON	21331	01	AME	268	135.227	61.581	-61.521	1.00	88.51	A211	ATON	21528	01	CTT	275	173.280	67.774	-30.164	1.00	91.75	A218
ATON	21332	01	AME	268	135.540	62.349	-62.274	1.00	88.51	A212	ATON	21529	01	CTT	275	174.032	67.774	-30.164	1.00	91.75	A219
ATON	21333	01	AME	268	135.540	62.349	-62.274	1.00	88.51	A213	ATON	21530	01	CTT	275	174.784	67.774	-30.164	1.00	91.75	A220
ATON	21334	01	AME	268	135.853	63.112	-63.037	1.00	88.51	A214	ATON	21531	01	CTT	275	175.536	67.774	-30.164	1.00		

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ATON	24657	ON	AGE	293	137.979	101.428	-8.789	1.00	45.06	A160
ATON	24658	ON	AGE	293	137.976	101.427	-8.822	1.00	45.06	A160
ATON	24659	ON	AGE	293	138.441	101.460	-8.819	1.00	45.06	A160
ATON	24660	ON	AGE	293	138.447	101.461	-8.842	1.00	45.06	A160
ATON	24661	ON	AGE	293	140.821	102.144	-9.037	1.00	45.06	A160
ATON	24662	ON	AGE	293	141.449	101.876	-9.121	1.00	45.07	A160
ATON	24663	ON	AGE	293	142.747	101.690	-9.323	1.00	45.08	A160
ATON	24664	ON	AGE	293	143.897	101.444	-9.372	1.00	45.08	A160
ATON	24665	ON	AGE	293	144.964	101.791	-9.390	1.00	45.08	A160
ATON	24666	ON	AGE	293	145.297	101.351	-9.456	1.00	45.08	A160
ATON	24667	ON	AGE	293	146.138	100.961	-9.599	1.00	45.07	A160
ATON	24668	ON	AGE	293	146.790	100.510	-9.647	1.00	45.07	A160
ATON	24669	ON	AGE	293	147.473	101.188	-9.749	1.00	45.07	A160
ATON	24670	ON	AGE	293	148.161	100.839	-9.738	1.00	45.07	A160
ATON	24671	ON	AGE	293	149.011	101.192	-9.700	1.00	45.07	A160
ATON	24672	ON	AGE	293	149.479	101.073	-9.801	1.00	45.08	A160
ATON	24673	ON	AGE	293	149.234	101.374	-11.274	1.00	45.08	A160
ATON	24674	ON	AGE	293	150.143	100.348	-9.369	1.00	45.08	A160
ATON	24675	ON	AGE	293	150.463	99.772	-10.331	1.00	45.08	A160
ATON	24676	ON	AGE	293	150.414	98.471	-10.331	1.00	45.71	A160
ATON	24677	ON	AGE	293	151.913	97.596	-11.411	1.00	45.71	A160
ATON	24678	ON	AGE	293	157.678	97.804	-10.879	1.00	45.71	A160
ATON	24679	ON	AGE	293	158.918	97.016	-10.871	1.00	45.71	A160
ATON	24680	ON	AGE	293	160.004	97.104	-10.843	1.00	45.71	A160
ATON	24681	ON	AGE	293	162.795	97.624	-10.290	1.00	45.71	A160
ATON	24682	ON	AGE	293	162.118	98.446	-9.310	1.00	45.71	A160
ATON	24683	ON	AGE	293	163.329	97.892	-8.206	1.00	45.71	A160
ATON	24684	ON	AGE	293	163.642	97.616	-8.940	1.00	45.71	A160
ATON	24685	ON	AGE	293	163.222	97.208	-9.11	1.00	45.71	A160
ATON	24686	ON	AGE	293	164.344	97.172	-5.507	1.00	45.71	A160
ATON	24687	ON	AGE	293	164.388	96.840	-4.240	1.00	45.71	A160
ATON	24688	ON	AGE	293	164.948	96.588	-4.313	1.00	45.71	A160
ATON	24689	ON	AGE	293	165.898	96.832	-3.722	1.00	45.71	A160
ATON	24690	ON	AGE	293	162.657	96.758	-5.574	1.00	45.71	A160
ATON	24691	ON	AGE	293	163.633	96.537	-5.623	1.00	45.71	A160
ATON	24692	ON	AGE	293	163.176	97.136	-6.854	1.00	45.71	A160
ATON	24693	ON	AGE	293	164.944	97.202	-4.990	1.00	45.71	A160
ATON	24694	ON	AGE	293	165.290	97.681	-6.710	1.00	45.71	A160
ATON	24695	ON	AGE	293	163.619	96.303	-6.850	1.00	45.71	A160
ATON	24696	ON	AGE	293	164.972	96.821	-6.101	1.00	45.71	A160
ATON	24697	ON	AGE	293	162.668	96.271	-9.771	1.00	45.71	A160
ATON	24698	ON	AGE	293	162.127	97.434	-10.843	1.00	45.71	A160
ATON	24699	ON	AGE	293	163.238	93.836	-10.636	1.00	45.71	A160
ATON	24700	ON	AGE	293	163.082	93.298	-11.976	1.00	45.71	A160
ATON	24701	ON	AGE	293	164.008	93.204	-11.134	1.00	45.71	A160
ATON	24702	ON	AGE	293	164.162	93.731	-9.431	1.00	45.71	A160
ATON	24703	ON	AGE	293	163.771	94.034	-9.121	1.00	45.71	A160
ATON	24704	ON	AGE	293	164.131	94.770	-8.487	1.00	45.71	A160
ATON	24705	ON	AGE	293	164.815	94.378	-7.394	1.00	45.71	A160
ATON	24706	ON	AGE	293	164.157	93.609	-6.176	1.00	45.71	A160
ATON	24707	ON	AGE	293	164.827	93.492	-5.543	1.00	45.71	A160
ATON	24708	ON	AGE	293	164.909	93.427	-4.203	1.00	45.71	A160
ATON	24709	ON	AGE	293	163.185	93.246	-4.391	1.00	45.71	A160
ATON	24710	ON	AGE	293	163.167	93.621	-4.837	1.00	45.71	A160
ATON	24711	ON	AGE	293	163.154	92.823	-4.837	1.00	45.71	A160
ATON	24712	ON	AGE	293	163.405	92.376	-3.809	1.00	45.71	A160
ATON	24713	ON	AGE	293	162.495	93.138	-3.837	1.00	45.71	A160
ATON	24714	ON	AGE	293	161.793	93.103	-3.802	1.00	45.71	A160
ATON	24715	ON	AGE	293	162.149	93.399	-2.643	1.00	45.71	A160
ATON	24716	ON	AGE	293	162.608	93.611	-3.517	1.00	45.71	A160
ATON	24717	ON	AGE	293	162.645	93.784	-2.284	1.00	45.71	A160
ATON	24718	ON	AGE	293	166.960	92.553	-3.181	1.00	45.71	A160
ATON	24719	ON	AGE	293	166.251	92.735	-4.427	1.00	45.71	A160
ATON	24720	ON	AGE	293	166.137	92.142	-4.427	1.00	45.71	A160
ATON	24721	ON	AGE	293	167.181	91.944	-4.832	1.00	45.71	A160
ATON	24722	ON	AGE	293	167.617	90.871	-4.832	1.00	45.71	A160
ATON	24723	ON	AGE	293	166.149	90.376	-4.832	1.00	45.71	A160
ATON	24724	ON	AGE	293	165.462	89.353	-4.832	1.00	45.71	A160
ATON	24725	ON	AGE	293	166.978	89.351	-4.832	1.00	45.71	A160
ATON	24726	ON	AGE	293	166.174	88.835	-4.832	1.00	45.71	A160
ATON	24727	ON	AGE	293	167.008	88.761	-5.332	1.00	45.71	A160
ATON	24728	ON	AGE	293	167.174	88.891	-4.743	1.00	45.71	A160
ATON	24729	ON	AGE	293	166.091	88.724	-3.701	1.00	45.71	A160
ATON	24730	ON	AGE	293	166.994	89.697	-4.102	1.00	45.71	A160
ATON	24731	ON	AGE	293	163.962	89.641	-3.968	1.00	45.71	A160
ATON	24732	ON	AGE	293	166.091	89.127	-4.447	1.00	45.71	A160
ATON	24733	ON	AGE	293	162.992	89.101	-3.801	1.00	45.71	A160
ATON	24734	ON	AGE	293	161.488	89.318	-4.234	1.00	45.71	A160
ATON	24735	ON	AGE	293	161.816	89.179	-4.261	1.00	45.71	A160
ATON	24736	ON	AGE	293	160.419	89.824	-3.321	1.00	45.71	A160
ATON	24737	ON	AGE	293	162.815	89.667	-3.177	1.00	45.71	A160
ATON	24738	ON	AGE	293	162.087	89.932	-3.617	1.00	45.71	A160
ATON	24739	ON	AGE	293	164.791	89.965	-3.901	1.00	45.71	A160
ATON	24740	ON	AGE	293	166.424	87.921	-3.347	1.00	45.71	A160
ATON	24741	ON	AGE	293	167.083	87.663	-3.649	1.00	45.71	A160
ATON	24742	ON	AGE	293	166.773	87.199	-3.994	1.00	45.71	A160
ATON	24743	ON	AGE	293	167.612	86.322	-3.099	1.00	45.71	A160
ATON	24744	ON	AGE	293	166.783	85.771	-3.830	1.00	45.71	A160
ATON	24745	ON	AGE	293	167.163	85.968	-3.968	1.00	45.71	A160
ATON	24746	ON	AGE	293	165.961	85.555	-4.748	1.00	45.71	A160
ATON	24747	ON	AGE	293	165.968	84.411	-4.430	1.00	45.71	A160
ATON	24748	ON	AGE	293	166.791	84.107	-4.332	1.00	45.71	A160
ATON	24749	ON	AGE	293	163.727	84.183	-4.710	1.00	45.71	A160
ATON	24750	ON	AGE	293	164.003	83.152	-4.022	1.00	45.71	A160
ATON	24751	ON	AGE	293	163.628	82.144	-4.066	1.00	45.71	A160
ATON	24752	ON	AGE	293	162.102	81.106	-4.066	1.00	45.71	A160
ATON	24753	ON	AGE	293	163.427	80.125	-3.991	1.00	45.71	A160
ATON	24754	ON	AGE	293	163.425	79.104	-3.991	1.00	45.71	A160
ATON	24755	ON	AGE	293	160.878	78.081	-3.872	1.00	45.71	A160
ATON	24756	ON	AGE	293	160.789	76.731	-3.807	1.00	45.71	A160
ATON	24757	ON	AGE	293	161.361	75.711	-3.806	1.00	45.71	A160
ATON	24758	ON	AGE	293	160.654	74.104	-3.910	1.00	45.71	A160
ATON	24759	ON	AGE	293	162.176	66.999	-5.056	1.00	45.71	A160
ATON	24760	ON	AGE	293	163.176	64.174	-4.771	1.00	45.71	A160
ATON	24761	ON	AGE	293	163.131	61.991	-4.810	1.00	45.71	A160
ATON	24762	ON	AGE	293	164.197	63.349	-4.253	1.00	45.71	A160
ATON	24763	ON	AGE	293	166.293	62.935	-3.721	1.00	45.71	A160
ATON	24764	ON	AGE	293	163.768	60.732	-3.924	1.00	45.71	A160
ATON	24765	ON	AGE	293	162.167	60.160	-4.190	1.00	45.71	A160
ATON	24766	ON	AGE	293	160.743	60.127	-4.125	1.00	45.71	A160
ATON	24767	ON	AGE	293	160.509	60.100	-4.080	1.00	45.71	A160
ATON	24768	ON	AGE	293	159.100	60.529	-3.988	1.00	45.71	A160
ATON	24769	ON	AGE	293	159.932	60.666	-2.880	1.00	45.71	A160
ATON	24770	ON	AGE	293	157.679	60.307	-3.743	1.00	45.71	A160
ATON	24771	ON	AGE	293	156.737	61.731	-3.126	1.00	45.71	A160
ATON	24772	ON	AGE	293	163.939	60.931	-3.884	1.00	45.71	A160
ATON	24773	ON	AGE	293	160.616	57.7	-3.748	1.00	45.71	A160

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ATYD	25143	C1	ADN	300	133.907	46.996	-1.467	1.00	46.76	A145
ATYD	25144	B1	ADN	300	133.127	47.131	-4.250	1.00	30.17	A146
ATYD	25145	C1	ADN	300	132.603	47.050	-1.776	1.00	30.21	A147
ATYD	25146	B1	ADN	300	134.874	46.848	-4.814	1.00	30.27	A148
ATYD	25147	C1	ADN	300	134.968	46.800	-2.206	1.00	30.27	A149
ATYD	25148	B1	ADN	300	134.944	47.012	-1.791	1.00	30.27	A150
ATYD	25149	C1	ADN	300	132.772	47.209	-2.770	1.00	30.27	A151
ATYD	25150	B1	ADN	300	131.553	47.184	-1.137	1.00	30.27	A152
ATYD	25151	C1	ADN	300	130.524	47.371	-1.417	1.00	30.27	A153
ATYD	25152	B1	ADN	300	131.161	47.131	-1.076	1.00	30.27	A154
ATYD	25153	C1	ADN	300	131.763	47.150	-4.119	1.00	30.27	A155
ATYD	25154	B1	ADN	300	134.193	45.136	-1.908	1.00	46.76	A156
ATYD	25155	C1	ADN	300	135.388	45.981	-4.866	1.00	46.76	A157
ATYD	25156	B1	ADN	300	132.701	45.186	-4.559	1.00	46.76	A158
ATYD	25157	C1	ADN	300	133.209	44.955	-4.464	1.00	46.76	A159
ATYD	25158	P	ADN	300	133.150	45.407	-1.640	1.00	46.83	A160
ATYD	25159	A1A	ADN	300	137.763	41.593	-10.790	1.00	36.55	A161
ATYD	25160	C1	ADN	300	131.307	42.756	-4.421	1.00	36.37	A162
ATYD	25161	C1	ADN	300	133.468	42.135	-7.510	1.00	38.03	A163
ATYD	25162	C1	ADN	300	135.832	41.987	-8.217	2.00	36.82	A164
ATYD	25163	C1	ADN	300	135.865	41.136	-4.965	1.00	38.03	A165
ATYD	25164	C1	ADN	300	135.363	41.137	-1.467	1.00	38.03	A166
ATYD	25165	C1	ADN	300	133.757	42.593	-4.958	1.00	38.03	A167
ATYD	25166	B1	ADN	300	134.568	42.889	-4.172	1.00	36.37	A168
ATYD	25167	C1	ADN	300	133.249	43.443	-4.772	1.00	36.37	A169
ATYD	25168	C1	ADN	300	134.125	42.640	-2.768	1.00	36.37	A170
ATYD	25169	C1	ADN	300	135.591	43.714	-1.183	1.00	36.37	A171
ATYD	25170	C1	ADN	300	133.267	43.700	-1.675	1.00	36.37	A172
ATYD	25171	C1	ADN	300	132.157	43.951	-2.841	1.00	36.37	A173
ATYD	25172	B1	ADN	300	131.159	44.197	-1.180	1.00	36.37	A174
ATYD	25173	C1	ADN	300	132.211	43.774	-1.283	1.00	36.37	A175
ATYD	25174	C1	ADN	300	134.185	43.105	-1.471	1.00	38.03	A176
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ATYD	25177	C1	ADN	300	134.278	40.129	-6.252	1.00	38.03	A179
ATYD	25178	P	ADN	310	123.509	38.149	-1.133	1.00	53.84	A180
ATYD	25179	C1A	ADN	310	116.155	37.732	-1.808	1.00	42.46	A181
ATYD	25180	C1A	ADN	310	114.864	38.498	-6.137	1.00	42.46	A182
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ATYD	25182	C1A	ADN	310	127.126	37.117	-1.708	1.00	53.84	A184
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ATYD	25184	C1A	ADN	310	134.300	38.771	-1.432	1.00	53.84	A186
ATYD	25185	C1A	ADN	310	125.626	38.818	-1.134	1.00	53.84	A187
ATYD	25186	C1A	ADN	310	134.407	38.276	-1.752	1.00	42.46	A188
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ATYD	25189	B1	ADN	310	132.567	40.493	-1.370	1.00	42.46	A191
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ATYD	25192	C1A	ADN	310	131.755	41.493	-1.202	1.00	42.46	A194
ATYD	25193	B1	ADN	310	137.493	40.153	-1.763	1.00	42.46	A195
ATYD	25194	C1A	ADN	310	131.555	40.464	-0.808	1.00	42.46	A196
ATYD	25195	C1A	ADN	310	136.115	37.395	-0.451	1.00	53.84	A197
ATYD	25196	C1A	ADN	310	137.064	37.111	-0.994	1.00	53.84	A198
ATYD	25197	C1A	ADN	310	136.687	36.726	-1.501	1.00	53.84	A199
ATYD	25198	C1A	ADN	310	137.852	36.408	-1.157	1.00	53.84	A200
ATYD	25199	P	ADN	310	137.080	36.136	-1.639	1.00	54.14	A201
ATYD	25200	C1A	ADN	310	127.476	34.771	-7.095	1.00	42.21	A202
ATYD	25201	C1A	ADN	310	132.385	34.408	-8.256	1.00	52.12	A203
ATYD	25202	C1A	ADN	310	139.426	34.237	-3.833	1.00	54.14	A204
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ATYD	25204	C1A	ADN	310	141.671	35.053	-1.465	1.00	54.14	A206
ATYD	25205	C1A	ADN	310	142.100	35.144	-1.832	1.00	54.14	A207
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ATYD	25207	C1A	ADN	310	142.132	35.187	-1.337	1.00	52.21	A209
ATYD	25208	B1	ADN	310	143.620	35.148	-4.116	1.00	52.21	A210
ATYD	25209	C1A	ADN	310	143.230	34.436	-4.770	1.00	52.21	A211
ATYD	25210	B1	ADN	310	144.489	34.057	-4.441	1.00	52.21	A212
ATYD	25211	B1	ADN	310	142.731	34.957	-3.545	1.00	52.21	A213
ATYD	25212	B1	ADN	310	141.687	34.276	-4.783	1.00	52.21	A214
ATYD	25213	B1	ADN	310	140.819	34.162	-3.810	1.00	52.21	A215
ATYD	25214	C1A	ADN	310	141.540	34.799	-1.724	1.00	52.21	A216
ATYD	25215	C1A	ADN	310	140.604	34.418	-2.718	1.00	52.21	A217
ATYD	25216	C1A	ADN	310	141.624	34.101	-2.602	1.00	52.21	A218
ATYD	25217	C1A	ADN	310	142.990	34.178	-3.122	1.00	54.14	A219
ATYD	25218	C1A	ADN	310	144.86	34.067	-3.061	1.00	54.14	A220
ATYD	25219	C1A	ADN	310	141.643	34.033	-2.898	1.00	54.14	A221
ATYD	25220	C1A	ADN	310	141.674	34.190	-3.192	1.00	54.14	A222
ATYD	25221	P	ADN	310	141.611	34.751	-4.422	1.00	54.14	A223
ATYD	25222	C1A	ADN	310	141.284	34.719	-4.091	1.00	54.14	A224
ATYD	25223	C1A	ADN	310	139.649	34.173	-4.429	1.00	54.14	A225
ATYD	25224	C1A	ADN	310	141.921	34.051	-4.906	1.00	54.14	A226
ATYD	25225	C1A	ADN	310	142.952	34.712	-4.898	1.00	54.14	A227
ATYD	25226	C1A	ADN	310	141.368	35.157	-1.824	1.00	59.76	A228
ATYD	25227	C1A	ADN	310	143.764	34.602	-4.811	1.00	59.76	A229
ATYD	25228	C1A	ADN	310	142.413	34.707	-4.326	1.00	59.76	A230
ATYD	25229	C1A	ADN	310	141.383	35.001	-0.810	1.00	59.76	A231
ATYD	25230	C1A	ADN	310	141.932	35.659	-0.816	1.00	59.76	A232
ATYD	25231	C1A	ADN	310	141.768	35.140	-0.781	1.00	59.76	A233
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ATYD	25233	C1A	ADN	310	142.102	35.361	-1.720	1.00	59.76	A235
ATYD	25234	C1A	ADN	310	140.781	35.617	-1.540	1.00	59.76	A236
ATYD	25235	C1A	ADN	310	140.293	35.954	-1.144	1.00	59.76	A237
ATYD	25236	C1A	ADN	310	140.282	35.767	-1.447	1.00	59.76	A238
ATYD	25237	C1A	ADN	310	140.957	35.134	-1.783	1.00	59.76	A239
ATYD	25238	C1A	ADN	310	140.792	35.773	-4.474	1.00	59.76	A240
ATYD	25239	C1A	ADN	310	141.642	35.933	-3.950	1.00	59.76	A241
ATYD	25240	C1A	ADN	310	142.816	36.559	-9.527	1.00	59.76	A242
ATYD	25241	C1A	ADN	310	142.820	36.958	-10.487	1.00	59.76	A243
ATYD	25242	C1A	ADN	310	142.276	35.721	-0.861	1.00	59.76	A244
ATYD	25243	C1A	ADN	310	142.056	36.832	-0.860	1.00	59.76	A245
ATYD	25244	P	ADN	310	140.801	37.073	-10.320	1.00	62.14	A246
ATYD	25245	C1A	ADN	310	140.614	36.744	-11.097	1.00	62.14	A247
ATYD	25246	C1A	ADN	310	139.417	36.898	-9.226	1.00	62.14	A248
ATYD	25247	C1A	ADN	310	140.442	35.936	-11.446	1.00	62.14	A249
ATYD	25248	C1A	ADN	310	141.113	35.666	-12.5.			

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	ATC01	26534	P	AAA	371	107.137	55.177	9.833	1.00	47.48	A160
	ATC01	26535	C	CTT	371	107.137	55.177	9.833	1.00	47.48	A160
	ATC01	26536	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26537	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26538	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26539	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26540	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26541	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26542	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26543	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26544	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26545	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
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	ATC01	26551	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
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	ATC01	26563	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26564	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26565	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
	ATC01	26566	C	CTT	371	107.794	55.939	9.700	1.00	46.39	A160
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ATYD 2113	01	001	148.257	03.277	40.384	1.00	40.94	A163
ATYD 2114	01	001	148.272	04.119	40.384	1.00	40.94	A164
ATYD 2115	01	001	148.287	04.961	40.384	1.00	40.94	A165
ATYD 2116	01	001	148.302	05.803	40.384	1.00	40.94	A166
ATYD 2117	01	001	148.317	06.645	40.384	1.00	40.94	A167
ATYD 2118	01	001	148.332	07.487	40.384	1.00	40.94	A168
ATYD 2119	01	001	148.347	08.329	40.384	1.00	40.94	A169
ATYD 2120	01	001	148.362	09.171	40.384	1.00	40.94	A170
ATYD 2121	01	001	148.377	10.013	40.384	1.00	40.94	A171
ATYD 2122	01	001	148.392	10.855	40.384	1.00	40.94	A172
ATYD 2123	01	001	148.407	11.697	40.384	1.00	40.94	A173
ATYD 2124	01	001	148.422	12.539	40.384	1.00	40.94	A174
ATYD 2125	01	001	148.437	13.381	40.384	1.00	40.94	A175
ATYD 2126	01	001	148.452	14.223	40.384	1.00	40.94	A176
ATYD 2127	01	001	148.467	15.065	40.384	1.00	40.94	A177
ATYD 2128	01	001	148.482	15.907	40.384	1.00	40.94	A178
ATYD 2129	01	001	148.497	16.749	40.384	1.00	40.94	A179
ATYD 2130	01	001	148.512	17.591	40.384	1.00	40.94	A180
ATYD 2131	01	001	148.527	18.433	40.384	1.00	40.94	A181
ATYD 2132	01	001	148.542	19.275	40.384	1.00	40.94	A182
ATYD 2133	01	001	148.557	20.117	40.384	1.00	40.94	A183
ATYD 2134	01	001	148.572	20.959	40.384	1.00	40.94	A184
ATYD 2135	01	001	148.587	21.801	40.384	1.00	40.94	A185
ATYD 2136	01	001	148.602	22.643	40.384	1.00	40.94	A186
ATYD 2137	01	001	148.617	23.485	40.384	1.00	40.94	A187
ATYD 2138	01	001	148.632	24.327	40.384	1.00	40.94	A188
ATYD 2139	01	001	148.647	25.169	40.384	1.00	40.94	A189
ATYD 2140	01	001	148.662	26.011	40.384	1.00	40.94	A190
ATYD 2141	01	001	148.677	26.853	40.384	1.00	40.94	A191
ATYD 2142	01	001	148.692	27.695	40.384	1.00	40.94	A192
ATYD 2143	01	001	148.707	28.537	40.384	1.00	40.94	A193
ATYD 2144	01	001	148.722	29.379	40.384	1.00	40.94	A194
ATYD 2145	01	001	148.737	30.221	40.384	1.00	40.94	A195
ATYD 2146	01	001	148.752	31.063	40.384	1.00	40.94	A196
ATYD 2147	01	001	148.767	31.905	40.384	1.00	40.94	A197
ATYD 2148	01	001	148.782	32.747	40.384	1.00	40.94	A198
ATYD 2149	01	001	148.797	33.589	40.384	1.00	40.94	A199
ATYD 2150	01	001	148.812	34.431	40.384	1.00	40.94	A200
ATYD 2151	01	001	148.827	35.273	40.384	1.00	40.94	A201
ATYD 2152	01	001	148.842	36.115	40.384	1.00	40.94	A202
ATYD 2153	01	001	148.857	36.957	40.384	1.00	40.94	A203
ATYD 2154	01	001	148.872	37.799	40.384	1.00	40.94	A204
ATYD 2155	01	001	148.887	38.641	40.384	1.00	40.94	A205
ATYD 2156	01	001	148.902	39.483	40.384	1.00	40.94	A206
ATYD 2157	01	001	148.917	40.325	40.384	1.00	40.94	A207
ATYD 2158	01	001	148.932	41.167	40.384	1.00	40.94	A208
ATYD 2159	01	001	148.947	42.009	40.384	1.00	40.94	A209
ATYD 2160	01	001	148.962	42.851	40.384	1.00	40.94	A210
ATYD 2161	01	001	148.977	43.693	40.384	1.00	40.94	A211
ATYD 2162	01	001	148.992	44.535	40.384	1.00	40.94	A212
ATYD 2163	01	001	149.007	45.377	40.384	1.00	40.94	A213
ATYD 2164	01	001	149.022	46.219	40.384	1.00	40.94	A214
ATYD 2165	01	001	149.037	47.061	40.384	1.00	40.94	A215
ATYD 2166	01	001	149.052	47.903	40.384	1.00	40.94	A216
ATYD 2167	01	001	149.067	48.745	40.384	1.00	40.94	A217
ATYD 2168	01	001	149.082	49.587	40.384	1.00	40.94	A218
ATYD 2169	01	001	149.097	50.429	40.384	1.00	40.94	A219
ATYD 2170	01	001	149.112	51.271	40.384	1.00	40.94	A220
ATYD 2171	01	001	149.127	52.113	40.384	1.00	40.94	A221
ATYD 2172	01	001	149.142	52.955	40.384	1.00	40.94	A222
ATYD 2173	01	001	149.157	53.797	40.384	1.00	40.94	A223
ATYD 2174	01	001	149.172	54.639	40.384	1.00	40.94	A224
ATYD 2175	01	001	149.187	55.481	40.384	1.00	40.94	A225
ATYD 2176	01	001	149.202	56.323	40.384	1.00	40.94	A226
ATYD 2177	01	001	149.217	57.165	40.384	1.00	40.94	A227
ATYD 2178	01	001	149.232	58.007	40.384	1.00	40.94	A228
ATYD 2179	01	001	149.247	58.849	40.384	1.00	40.94	A229
ATYD 2180	01	001	149.262	59.691	40.384	1.00	40.94	A230
ATYD 2181	01	001	149.277	60.533	40.384	1.00	40.94	A231
ATYD 2182	01	001	149.292	61.375	40.384	1.00	40.94	A232
ATYD 2183	01	001	149.307	62.217	40.384	1.00	40.94	A233
ATYD 2184	01	001	149.322	63.059	40.384	1.00	40.94	A234
ATYD 2185	01	001	149.337	63.901	40.384	1.00	40.94	A235
ATYD 2186	01	001	149.352	64.743	40.384	1.00	40.94	A236
ATYD 2187	01	001	149.367	65.585	40.384	1.00	40.94	A237
ATYD 2188	01	001	149.382	66.427	40.384	1.00	40.94	A238
ATYD 2189	01	001	149.397	67.269	40.384	1.00	40.94	A239
ATYD 2190	01	001	149.412	68.111	40.384	1.00	40.94	A240
ATYD 2191	01	001	149.427	68.953	40.384	1.00	40.94	A241
ATYD 2192	01	001	149.442	69.795	40.384	1.00	40.94	A242
ATYD 2193	01	001	149.457	70.637	40.384	1.00	40.94	A243
ATYD 2194	01	001	149.472	71.479	40.384	1.00	40.94	A244
ATYD 2195	01	001	149.487	72.321	40.384	1.00	40.94	A245
ATYD 2196	01	001	149.502	73.163	40.384	1.00	40.94	A246
ATYD 2197	01	001	149.517	74.005	40.384	1.00	40.94	A247
ATYD 2198	01	001	149.532	74.847	40.384	1.00	40.94	A248
ATYD 2199	01	001	149.547	75.689	40.384	1.00	40.94	A249
ATYD 2200	01	001	149.562	76.531	40.384	1.00	40.94	A250
ATYD 2201	01	001	149.577	77.373	40.384	1.00	40.94	A251
ATYD 2202	01	001	149.592	78.215	40.384	1.00	40.94	A252
ATYD 2203	01	001	149.607	79.057	40.384	1.00	40.94	A253
ATYD 2204	01	001	149.622	79.899	40.384	1.00	40.94	A254
ATYD 2205	01	001	149.637	80.741	40.384	1.00	40.94	A255
ATYD 2206	01	001	149.652	81.583	40.384	1.00	40.94	A256
ATYD 2207	01	001	149.667	82.425	40.384	1.00	40.94	A257
ATYD 2208	01	001	149.682	83.267	40.384	1.00	40.94	A258
ATYD 2209	01	001	149.697	84.109	40.384	1.00	40.94	A259
ATYD 2210	01	001	149.712	84.951	40.384	1.00	40.94	A260
ATYD 2211	01	001	149.727	85.793	40.384	1.00	40.94	A261
ATYD 2212	01	001	149.742	86.635	40.384	1.00	40.94	A262
ATYD 2213	01	001	149.757	87.477	40.384	1.00	40.94	A263
ATYD 2214	01	001	149.772	88.319	40.384	1.00	40.94	A264
ATYD 2215	01	001	149.787	89.161	40.384	1.00	40.94	A265
ATYD 2216	01	001	149.802	90.003	40.384	1.00	40.94	A266
ATYD 2217	01	001	149.817	90.845	40.384	1.00	40.94	A267
ATYD 2218	01	001	149.832	91.687	40.384	1.00	40.94	A268
ATYD 2219	01	001	149.847	92.529	40.384	1.00	40.94	A269
ATYD 2220	01	001	149.862	93.371	40.384	1.00	40.94	A270
ATYD 2221	01	001	149.877	94.213	40.384	1.00	40.94	A271
ATYD 2222	01	001	149.892	95.055	40.384	1.00	40.94	A272
ATYD 2223	01	001	149.907	95.897	40.384	1.00	40.94	A273
ATYD 2224	01	001	149.922	96.739	40.384	1.00	40.94	A274
ATYD 2225	01	001	149.937	97.581	40.384	1.00	40.94	A275
ATYD 2226	01	001	149.952	98.423	40.384	1.00	40.94	A276
ATYD 2227	01	001	149.967	99.265	40.384</			

ATCO	71300	C	CTY	414	176.493 110.591	16.723	1,00	82.82	A140	ATCO	71313	C	EDN	421	171.099 111.336	16.648	1,00	73.61	A140
ATCO	71310	C	CTY	414	176.793 109.319	16.723	1,00	82.82	A140	ATCO	71314	C	EDN	421	172.399 110.722	17.073	1,00	73.61	A140
ATCO	71312	C	CTY	414	180.131 108.295	16.723	1,00	82.82	A140	ATCO	71315	C	EDN	421	171.281 109.662	16.723	1,00	73.61	A140
ATCO	71316	C	CTY	414	180.769 109.323	16.723	1,00	82.82	A140	ATCO	71316	C	EDN	421	172.021 109.606	16.723	1,00	73.61	A140
ATCO	71317	C	CTY	414	176.000 110.230	16.723	1,00	82.82	A140	ATCO	71317	C	EDN	421	172.021 109.606	16.723	1,00	73.61	A140
ATCO	71321	C	CTY	414	161.341 108.100	13.761	1,00	63.50	A140	ATCO	71318	C	EDN	421	171.551 109.661	16.723	1,00	73.61	A140
ATCO	71328	C	CTY	414	162.161 108.393	13.761	1,00	63.50	A140	ATCO	71319	C	EDN	421	171.882 108.463	16.671	1,00	73.61	A140
ATCO	71330	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71320	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71331	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71321	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71332	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71322	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71333	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71323	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71334	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71324	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71335	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71325	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71336	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71326	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71337	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71327	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71338	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71328	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71339	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71329	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71340	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71330	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71341	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71331	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71342	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71332	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140
ATCO	71343	C	CTY	414	163.079 109.393	13.761	1,00	63.50	A140	ATCO	71333	C	EDN	421	171.152 109.795	16.671	1,00	73.61	A140</

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ATON 27116	CT	ADZ	427	163.283	100.144	53.784	1.00	84.78	A164
ATON 27117	CT	ADZ	427	164.167	99.636	54.183	1.00	84.58	A165
ATON 27118	CT	ADZ	427	165.056	99.032	54.582	1.00	84.38	A166
ATON 27119	CT	ADZ	427	165.945	98.428	54.981	1.00	84.18	A167
ATON 27120	CT	ADZ	427	166.834	97.824	55.380	1.00	83.98	A168
ATON 27121	CT	ADZ	426	167.723	97.220	55.779	1.00	83.78	A169
ATON 27122	CT	ADZ	426	168.612	96.616	56.178	1.00	83.58	A170
ATON 27123	CT	ADZ	426	169.501	96.012	56.577	1.00	83.38	A171
ATON 27124	CT	ADZ	426	170.390	95.408	56.976	1.00	83.18	A172
ATON 27125	CT	ADZ	426	171.279	94.804	57.375	1.00	82.98	A173
ATON 27126	CT	ADZ	426	172.168	94.200	57.774	1.00	82.78	A174
ATON 27127	CT	ADZ	426	173.057	93.596	58.173	1.00	82.58	A175
ATON 27128	CT	ADZ	426	173.946	92.992	58.572	1.00	82.38	A176
ATON 27129	CT	ADZ	426	174.835	92.388	58.971	1.00	82.18	A177
ATON 27130	CT	ADZ	426	175.724	91.784	59.370	1.00	81.98	A178
ATON 27131	CT	ADZ	426	176.613	91.180	59.769	1.00	81.78	A179
ATON 27132	CT	ADZ	426	177.502	90.576	60.168	1.00	81.58	A180
ATON 27133	CT	ADZ	426	178.391	89.972	60.567	1.00	81.38	A181
ATON 27134	CT	ADZ	426	179.280	89.368	60.966	1.00	81.18	A182
ATON 27135	CT	ADZ	426	180.169	88.764	61.365	1.00	80.98	A183
ATON 27136	CT	ADZ	426	181.058	88.160	61.764	1.00	80.78	A184
ATON 27137	CT	ADZ	426	181.947	87.556	62.163	1.00	80.58	A185
ATON 27138	CT	ADZ	426	182.836	86.952	62.562	1.00	80.38	A186
ATON 27139	CT	ADZ	426	183.725	86.348	62.961	1.00	80.18	A187
ATON 27140	CT	ADZ	426	184.614	85.744	63.360	1.00	79.98	A188
ATON 27141	CT	ADZ	426	185.503	85.140	63.759	1.00	79.78	A189
ATON 27142	CT	ADZ	426	186.392	84.536	64.158	1.00	79.58	A190
ATON 27143	CT	ADZ	426	187.281	83.932	64.557	1.00	79.38	A191
ATON 27144	CT	ADZ	426	188.170	83.328	64.956	1.00	79.18	A192
ATON 27145	CT	ADZ	426	189.059	82.724	65.355	1.00	78.98	A193
ATON 27146	CT	ADZ	426	189.948	82.120	65.754	1.00	78.78	A194
ATON 27147	CT	ADZ	426	190.837	81.516	66.153	1.00	78.58	A195
ATON 27148	CT	ADZ	426	191.726	80.912	66.552	1.00	78.38	A196
ATON 27149	CT	ADZ	426	192.615	80.308	66.951	1.00	78.18	A197
ATON 27150	CT	ADZ	426	193.504	79.704	67.350	1.00	77.98	A198
ATON 27151	CT	ADZ	426	194.393	79.100	67.749	1.00	77.78	A199
ATON 27152	CT	ADZ	426	195.282	78.496	68.148	1.00	77.58	A200
ATON 27153	CT	ADZ	426	196.171	77.892	68.547	1.00	77.38	A201
ATON 27154	CT	ADZ	426	197.060	77.288	68.946	1.00	77.18	A202
ATON 27155	CT	ADZ	426	197.949	76.684	69.345	1.00	76.98	A203
ATON 27156	CT	ADZ	426	198.838	76.080	69.744	1.00	76.78	A204
ATON 27157	CT	ADZ	426	199.727	75.476	70.143	1.00	76.58	A205
ATON 27158	CT	ADZ	426	200.616	74.872	70.542	1.00	76.38	A206
ATON 27159	CT	ADZ	426	201.505	74.268	70.941	1.00	76.18	A207
ATON 27160	CT	ADZ	426	202.394	73.664	71.340	1.00	75.98	A208
ATON 27161	CT	ADZ	426	203.283	73.060	71.739	1.00	75.78	A209
ATON 27162	CT	ADZ	426	204.172	72.456	72.138	1.00	75.58	A210
ATON 27163	CT	ADZ	426	205.061	71.852	72.537	1.00	75.38	A211
ATON 27164	CT	ADZ	426	205.950	71.248	72.936	1.00	75.18	A212
ATON 27165	CT	ADZ	426	206.839	70.644	73.335	1.00	74.98	A213
ATON 27166	CT	ADZ	426	207.728	70.040	73.734	1.00	74.78	A214
ATON 27167	CT	ADZ	426	208.617	69.436	74.133	1.00	74.58	A215
ATON 27168	CT	ADZ	426	209.506	68.832	74.532	1.00	74.38	A216
ATON 27169	CT	ADZ	426	210.395	68.228	74.931	1.00	74.18	A217
ATON 27170	CT	ADZ	426	211.284	67.624	75.330	1.00	73.98	A218
ATON 27171	CT	ADZ	426	212.173	67.020	75.729	1.00	73.78	A219
ATON 27172	CT	ADZ	426	213.062	66.416	76.128	1.00	73.58	A220
ATON 27173	CT	ADZ	426	213.951	65.812	76.527	1.00	73.38	A221
ATON 27174	CT	ADZ	426	214.840	65.208	76.926	1.00	73.18	A222
ATON 27175	CT	ADZ	426	215.729	64.604	77.325	1.00	72.98	A223
ATON 27176	CT	ADZ	426	216.618	64.000	77.724	1.00	72.78	A224
ATON 27177	CT	ADZ	426	217.507	63.396	78.123	1.00	72.58	A225
ATON 27178	CT	ADZ	426	218.396	62.792	78.522	1.00	72.38	A226
ATON 27179	CT	ADZ	426	219.285	62.188	78.921	1.00	72.18	A227
ATON 27180	CT	ADZ	426	220.174	61.584	79.320	1.00	71.98	A228
ATON 27181	CT	ADZ	426	221.063	60.980	79.719	1.00	71.78	A229
ATON 27182	CT	ADZ	426	221.952	60.376	80.118	1.00	71.58	A230
ATON 27183	CT	ADZ	426	222.841	59.772	80.517	1.00	71.38	A231
ATON 27184	CT	ADZ	426	223.730	59.168	80.916	1.00	71.18	A232
ATON 27185	CT	ADZ	426	224.619	58.564	81.315	1.00	70.98	A233
ATON 27186	CT	ADZ	426	225.508	57.960	81.714	1.00	70.78	A234
ATON 27187	CT	ADZ	426	226.397	57.356	82.113	1.00	70.58	A235
ATON 27188	CT	ADZ	426	227.286	56.752	82.512	1.00	70.38	A236
ATON 27189	CT	ADZ	426	228.175	56.148	82.911	1.00	70.18	A237
ATON 27190	CT	ADZ	426	229.064	55.544	83.310	1.00	69.98	A238
ATON 27191	CT	ADZ	426	229.953	54.940	83.709	1.00	69.78	A239
ATON 27192	CT	ADZ	426	230.842	54.336	84.108	1.00	69.58	A240
ATON 27193	CT	ADZ	426	231.731	53.732	84.507	1.00	69.38	A241
ATON 27194	CT	ADZ	426	232.620	53.128	84.906	1.00	69.18	A242
ATON 27195	CT	ADZ	426	233.509	52.524	85.305	1.00	68.98	A243
ATON 27196	CT	ADZ	426	234.398	51.920	85.704	1.00	68.78	A244
ATON 27197	CT	ADZ	426	235.287	51.316	86.103	1.00	68.58	A245
ATON 27198	CT	ADZ	426	236.176	50.712	86.502	1.00	68.38	A246
ATON 27199	CT	ADZ	426	237.065	50.108	86.901	1.00	68.18	A247
ATON 27200	CT	ADZ	426	237.954	49.504	87.300	1.00	67.98	A248
ATON 27201	CT	ADZ	426	238.843	48.900	87.699	1.00	67.78	A249
ATON 27202	CT	ADZ	426	239.732	48.296	88.098	1.00	67.58	A250
ATON 27203	CT	ADZ	426	240.621	47.692	88.497	1.00	67.38	A251
ATON 27204	CT	ADZ	426	241.510	47.088	88.896	1.00	67.18	A252
ATON 27205	CT	ADZ	426	242.399	46.484	89.295	1.00	66.98	A253
ATON 27206	CT	ADZ	426	243.288	45.880	89.694	1.00	66.78	A254
ATON 27207	CT	ADZ	426	244.177	45.276	90.093	1.00	66.58	A255
ATON 27208	CT	ADZ	426	245.066	44.672	90.492	1.00	66.38	A256
ATON 27209	CT	ADZ	426	245.955	44.068	90.891	1.00	66.18	A257
ATON 27210	CT	ADZ	426	246.844	43.464	91.290	1.00	65.98	A258
ATON 27211	CT	ADZ	426	247.733	42.860	91.689	1.00	65.78	A259
ATON 27212	CT	ADZ	426	248.622	42.256	92.088	1.00	65.58	A260
ATON 27213	CT	ADZ	426	249.511	41.652	92.487	1.00	65.38	A261
ATON 27214	CT	ADZ	426	250.400	41.048	92.886	1.00	65.18	A262
ATON 27215	CT	ADZ	426	251.289	40.444	93.285	1.00	64.98	A263
ATON 27216	CT	ADZ	426	252.178	39.840	93.684	1.00	64.78	A264
ATON 27217	CT	ADZ	426	253.067	39.236	94.083	1.00	64.58	A265
ATON 27218	CT	ADZ	426	253.956	38.632	94.482	1.00	64.38	A266
ATON 27219	CT	ADZ	426	254.845	38.028	94.881	1.00	64.18	A267
ATON 27220	CT	ADZ	426	255.734	37.424	95.280	1.00	63.98	A268
ATON 27221	CT	ADZ	426	256.623	36.820	95.679	1.00	63.78	A269
ATON 27222	CT	ADZ	426	257.512	36.216	96.078	1.00	63.58	A270
ATON 27223	CT	ADZ	426	258.401	35.612	96.477	1.00	63.38	A271
ATON 27224	CT	ADZ	426	259.290	35.008	96.876	1.00	63.18	A272
ATON 27225	CT	ADZ	426	260.179	34.404	97.275	1.00	62.98	A273
ATON 27226	CT	ADZ	426	261.068	33.800	97.674	1.00	62.78	A274
ATON 27227	CT	ADZ	426	261.957	33.196	98.073	1.00	62.58	A275
ATON 27228	CT	ADZ	426	262.846	32.592	98.472	1.00	62.38	A276
ATON 27229	CT	ADZ	426	263.735	31.988	98.871	1.00	62.18	A277
ATON 27230	CT	ADZ	426	264.624	31.384	99.270	1.00	61.98	A278
ATON 27231	CT	ADZ	426	265.513	30.780	99.669	1.00	61.78	A279
ATON 27232	CT	ADZ	426	266.402	30.176	100.068	1.00	61.58	A280
ATON 27233	CT	ADZ	426	267.291	29.572	100.467	1.00	61.38	A281
ATON 27234	CT	ADZ	426	268.180	28.968	100.866	1.00	61.18	A282
ATON 27235	CT	ADZ	426	26					

ATCO	20003	C	QDA	411	136.473	41.154	42.284	1.00	76.34	A163	ATCO	20145	C	ADZ	447	104.181	39.711	24.575	1.00	84.87
ATCO	20004	C	QDA	411	124.564	77.151	42.284	1.00	76.34	A163	ATCO	20146	C	ADZ	447	107.927	39.766	23.636	1.00	84.87
ATCO	20005	C	QDA	411	137.190	76.733	42.163	1.00	76.34	A163	ATCO	20147	P	CTY	448	106.420	39.629	21.752	1.00	84.87
ATCO	20006	C	QDA	411	138.428	75.460	42.163	1.00	76.34	A163	ATCO	20148	P	CTY	448	107.771	39.715	21.752	1.00	84.87
ATCO	20007	C	QDA	411	131.679	75.460	42.163	1.00	76.34	A163	ATCO	20149	C	CTY	448	102.329	40.637	21.151	1.00	85.47
ATCO	20008	C	QDA	411	127.989	76.395	44.218	1.00	76.34	A163	ATCO	20150	C	CTY	448	102.442	42.239	21.243	1.00	87.31
ATCO	20009	C	QDA	411	128.687	76.465	44.218	1.00	76.34	A163	ATCO	20151	C	CTY	448	103.925	40.662	22.151	1.00	87.31
ATCO	20010	C	QDA	411	128.675	76.465	44.218	1.00	76.34	A163	ATCO	20152	C	CTY	448	100.909	42.629	22.063	1.00	87.31
ATCO	20011	C	QDA	411	133.929	73.511	45.543	1.00	76.34	A163	ATCO	20153	C	CTY	448	100.966	41.176	22.814	1.00	87.31
ATCO	20012	C	QDA	411	124.750	76.708	45.442	1.00	76.34	A163	ATCO	20154	C	CTY	448	100.875	40.476	23.814	1.00	87.31
ATCO	20013	C	QDA	411	122.871	76.465	44.218	1.00	76.34	A163	ATCO	20155	C	CTY	448	100.868	40.772	24.706	1.00	84.87
ATCO	20014	C	QDA	411	122.133	77.753	41.548	1.00	77.85	A164	ATCO	20156	C	CTY	448	105.936	41.676	25.516	1.00	85.47
ATCO	20015	C	QDA	411	123.684	76.432	43.801	1.00	77.85	A164	ATCO	20157	C	CTY	448	108.101	42.536	25.516	1.00	85.47
ATCO	20016	C	QDA	411	120.679	76.401	43.801	1.00	77.85	A164	ATCO	20158	C	CTY	448	107.924	42.517	26.516	1.00	85.47
ATCO	20017	01P	ADZ	442	120.601	76.401	43.801	1.00	77.85	A164	ATCO	20159	C	CTY	448	108.303	44.573	24.549	1.00	85.47
ATCO	20018	C	QDA	411	119.201	76.709	41.955	1.00	84.39	A163	ATCO	20160	C	CTY	448	107.371	43.599	27.888	1.00	85.47
ATCO	20019	C	QDA	411	121.821	76.432	43.801	1.00	77.85	A163	ATCO	20161	C	CTY	448	107.881	43.152	28.888	1.00	85.47
ATCO	20020	C	QDA	411	120.534	77.753	41.548	1.00	77.85	A164	ATCO	20162	C	CTY	448	106.150	42.888	24.676	1.00	85.47
ATCO	20021	C	QDA	411	119.719	76.956	40.663	1.00	76.34	A163	ATCO	20163	C	CTY	448	106.780	42.892	25.527	1.00	85.47
ATCO	20022	C	QDA	411	123.653	77.753	41.548	1.00	77.85	A164	ATCO	20164	C	CTY	448	106.150	42.888	25.527	1.00	85.47
ATCO	20023	C	QDA	411	123.653	77.753	41.548	1.00	77.85	A164	ATCO	20165	C	CTY	448	106.150	42.888	25.527	1.00	85.47
ATCO	20024	C	CTY	442	118.702	76.137	46.167	1.00	87.06	A165	ATCO	20166	C	CTY	448	102.055	40.711	26.248	1.00	86.82
ATCO	20025	C	CTY	442	118.702	76.137	46.167	1.00	87.06	A165	ATCO	20167	C	CTY	448	102.055	40.711	26.248	1.00	86.82
ATCO	20026	C	CTY	442	118.702	76.137	46.167	1.00	87.06	A165	ATCO	20168	C	CTY	448	102.055	40.711	26.248	1.00	86.82
ATCO	20027	C	CTY	442	118.702	76.137	46.167	1.00	87.06	A165	ATCO	20169	C	CTY	448	102.055	40.711	26.248	1.00	86.82
ATCO	20028	C	CTY	442	118.702	76.137	46.167	1.00	87.06	A165	ATCO	20170	C	CTY	448	102.055	40.711	26.248	1.00	86.82
ATCO	20029	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20171	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20030	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20172	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20031	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20173	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20032	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20174	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20033	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20175	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20034	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20176	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20035	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20177	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20036	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20178	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20037	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20179	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20038	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20180	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20039	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20181	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20040	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20182	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20041	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20183	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20042	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20184	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20043	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20185	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20044	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20186	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20045	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20187	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20046	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20188	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20047	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20189	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20048	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20190	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20049	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20191	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20050	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20192	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20051	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20193	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20052	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20194	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20053	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20195	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20054	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20196	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20055	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20197	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20056	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20198	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20057	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20199	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20058	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20200	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20059	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20201	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20060	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20202	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20061	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20203	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20062	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20204	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20063	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20205	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20064	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20206	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20065	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20207	04P	CTY	448	103.722	41.722	25.010	1.00	82.45
ATCO	20066	C	ADZ	442	123.617	76.406	43.339	1.00	80.39	A163	ATCO	20208	04P	CTY	448	103.722	41.722	25.010</		

ATON 20208 C2	AGE	434	87.005	65.794	20.397	1.00133.19	A160
ATON 20209 C2	AGE	434	87.312	65.835	19.932	1.00133.19	A160
ATON 20210 C2	AGE	434	87.412	65.854	21.909	1.00133.19	A160
ATON 20211 C2	AGE	434	87.505	65.872	22.021	1.00133.19	A160
ATON 20212 C2	AGE	434	88.127	65.881	22.045	1.00133.19	A160
ATON 20213 C2	AGE	434	88.181	65.816	23.450	1.00133.19	A160
ATON 20214 C2	AGE	434	89.369	65.760	23.711	1.00133.19	A160
ATON 20215 C2	AGE	434	90.482	64.281	24.747	1.00133.19	A160
ATON 20216 C2	AGE	434	91.851	64.717	22.101	1.00133.19	A160
ATON 20217 C2	AGE	434	92.869	64.658	21.241	1.00133.19	A160
ATON 20218 C2	AGE	434	93.517	62.670	21.160	1.00133.19	A160
ATON 20219 C2	AGE	434	94.156	62.132	19.751	1.00133.19	A160
ATON 20220 C2	AGE	434	95.191	61.971	19.354	1.00133.19	A160
ATON 20221 C2	AGE	434	96.225	59.795	19.222	1.00133.19	A160
ATON 20222 C2	AGE	434	97.259	58.550	18.541	1.00133.19	A160
ATON 20223 C2	AGE	434	98.292	58.989	18.410	1.00133.19	A160
ATON 20224 C2	AGE	434	99.326	57.921	17.962	1.00133.19	A160
ATON 20225 C2	AGE	434	100.359	56.190	18.712	1.00133.19	A160
ATON 20226 C2	AGE	434	101.392	54.117	18.043	1.00133.19	A160
ATON 20227 C2	AGE	434	102.425	52.317	18.043	1.00133.19	A160
ATON 20228 C2	AGE	434	103.458	50.532	19.001	1.00133.19	A160
ATON 20229 C2	AGE	434	104.491	48.747	19.001	1.00133.19	A160
ATON 20230 C2	AGE	434	105.524	46.962	19.001	1.00133.19	A160
ATON 20231 C2	AGE	434	106.557	45.177	19.001	1.00133.19	A160
ATON 20232 C2	AGE	434	107.590	43.392	19.001	1.00133.19	A160
ATON 20233 C2	AGE	434	108.623	41.607	19.001	1.00133.19	A160
ATON 20234 C2	AGE	434	109.656	39.822	19.001	1.00133.19	A160
ATON 20235 C2	AGE	434	110.689	38.037	19.001	1.00133.19	A160
ATON 20236 C2	AGE	434	111.722	36.252	19.001	1.00133.19	A160
ATON 20237 C2	AGE	434	112.755	34.467	19.001	1.00133.19	A160
ATON 20238 C2	AGE	434	113.788	32.682	19.001	1.00133.19	A160
ATON 20239 C2	AGE	434	114.821	30.897	19.001	1.00133.19	A160
ATON 20240 C2	AGE	434	115.854	29.112	19.001	1.00133.19	A160
ATON 20241 C2	AGE	434	116.887	27.327	19.001	1.00133.19	A160
ATON 20242 C2	AGE	434	117.920	25.542	19.001	1.00133.19	A160
ATON 20243 C2	AGE	434	118.953	23.757	19.001	1.00133.19	A160
ATON 20244 C2	AGE	434	119.986	21.972	19.001	1.00133.19	A160
ATON 20245 C2	AGE	434	121.019	20.187	19.001	1.00133.19	A160
ATON 20246 C2	AGE	434	122.052	18.402	19.001	1.00133.19	A160
ATON 20247 C2	AGE	434	123.085	16.617	19.001	1.00133.19	A160
ATON 20248 C2	AGE	434	124.118	14.832	19.001	1.00133.19	A160
ATON 20249 C2	AGE	434	125.151	13.047	19.001	1.00133.19	A160
ATON 20250 C2	AGE	434	126.184	11.262	19.001	1.00133.19	A160
ATON 20251 C2	AGE	434	127.217	9.477	19.001	1.00133.19	A160
ATON 20252 C2	AGE	434	128.250	7.692	19.001	1.00133.19	A160
ATON 20253 C2	AGE	434	129.283	5.907	19.001	1.00133.19	A160
ATON 20254 C2	AGE	434	130.316	4.122	19.001	1.00133.19	A160
ATON 20255 C2	AGE	434	131.349	2.337	19.001	1.00133.19	A160
ATON 20256 C2	AGE	434	132.382	0.552	19.001	1.00133.19	A160
ATON 20257 C2	AGE	434	133.415	-1.233	19.001	1.00133.19	A160
ATON 20258 C2	AGE	434	134.448	-3.018	19.001	1.00133.19	A160
ATON 20259 C2	AGE	434	135.481	-4.803	19.001	1.00133.19	A160
ATON 20260 C2	AGE	434	136.514	-6.588	19.001	1.00133.19	A160
ATON 20261 C2	AGE	434	137.547	-8.373	19.001	1.00133.19	A160
ATON 20262 C2	AGE	434	138.580	-10.158	19.001	1.00133.19	A160
ATON 20263 C2	AGE	434	139.613	-11.943	19.001	1.00133.19	A160
ATON 20264 C2	AGE	434	140.646	-13.728	19.001	1.00133.19	A160
ATON 20265 C2	AGE	434	141.679	-15.513	19.001	1.00133.19	A160
ATON 20266 C2	AGE	434	142.712	-17.298	19.001	1.00133.19	A160
ATON 20267 C2	AGE	434	143.745	-19.083	19.001	1.00133.19	A160
ATON 20268 C2	AGE	434	144.778	-20.868	19.001	1.00133.19	A160
ATON 20269 C2	AGE	434	145.811	-22.653	19.001	1.00133.19	A160
ATON 20270 C2	AGE	434	146.844	-24.438	19.001	1.00133.19	A160
ATON 20271 C2	AGE	434	147.877	-26.223	19.001	1.00133.19	A160
ATON 20272 C2	AGE	434	148.910	-28.008	19.001	1.00133.19	A160
ATON 20273 C2	AGE	434	149.943	-29.793	19.001	1.00133.19	A160
ATON 20274 C2	AGE	434	150.976	-31.578	19.001	1.00133.19	A160
ATON 20275 C2	AGE	434	152.009	-33.363	19.001	1.00133.19	A160
ATON 20276 C2	AGE	434	153.042	-35.148	19.001	1.00133.19	A160
ATON 20277 C2	AGE	434	154.075	-36.933	19.001	1.00133.19	A160
ATON 20278 C2	AGE	434	155.108	-38.718	19.001	1.00133.19	A160
ATON 20279 C2	AGE	434	156.141	-40.503	19.001	1.00133.19	A160
ATON 20280 C2	AGE	434	157.174	-42.288	19.001	1.00133.19	A160
ATON 20281 C2	AGE	434	158.207	-44.073	19.001	1.00133.19	A160
ATON 20282 C2	AGE	434	159.240	-45.858	19.001	1.00133.19	A160
ATON 20283 C2	AGE	434	160.273	-47.643	19.001	1.00133.19	A160
ATON 20284 C2	AGE	434	161.306	-49.428	19.001	1.00133.19	A160
ATON 20285 C2	AGE	434	162.339	-51.213	19.001	1.00133.19	A160
ATON 20286 C2	AGE	434	163.372	-52.998	19.001	1.00133.19	A160
ATON 20287 C2	AGE	434	164.405	-54.783	19.001	1.00133.19	A160
ATON 20288 C2	AGE	434	165.438	-56.568	19.001	1.00133.19	A160
ATON 20289 C2	AGE	434	166.471	-58.353	19.001	1.00133.19	A160
ATON 20290 C2	AGE	434	167.504	-60.138	19.001	1.00133.19	A160
ATON 20291 C2	AGE	434	168.537	-61.923	19.001	1.00133.19	A160
ATON 20292 C2	AGE	434	169.570	-63.708	19.001	1.00133.19	A160
ATON 20293 C2	AGE	434	170.603	-65.493	19.001	1.00133.19	A160
ATON 20294 C2	AGE	434	171.636	-67.278	19.001	1.00133.19	A160
ATON 20295 C2	AGE	434	172.669	-69.063	19.001	1.00133.19	A160
ATON 20296 C2	AGE	434	173.702	-70.848	19.001	1.00133.19	A160
ATON 20297 C2	AGE	434	174.735	-72.633	19.001	1.00133.19	A160
ATON 20298 C2	AGE	434	175.768	-74.418	19.001	1.00133.19	A160
ATON 20299 C2	AGE	434	176.801	-76.203	19.001	1.00133.19	A160
ATON 20300 C2	AGE	434	177.834	-77.988	19.001	1.00133.19	A160
ATON 20301 C2	AGE	434	178.867	-79.773	19.001	1.00133.19	A160
ATON 20302 C2	AGE	434	179.900	-81.558	19.001	1.00133.19	A160
ATON 20303 C2	AGE	434	180.933	-83.343	19.001	1.00133.19	A160
ATON 20304 C2	AGE	434	181.966	-85.128	19.001	1.00133.19	A160
ATON 20305 C2	AGE	434	183.000	-86.913	19.001	1.00133.19	A160
ATON 20306 C2	AGE	434	184.033	-88.698	19.001	1.00133.19	A160
ATON 20307 C2	AGE	434	185.066	-90.483	19.001	1.00133.19	A160
ATON 20308 C2	AGE	434	186.099	-92.268	19.001	1.00133.19	A160
ATON 20309 C2	AGE	434	187.132	-94.053	19.001	1.00133.19	A160
ATON 20310 C2	AGE	434	188.165	-95.838	19.001	1.00133.19	A160
ATON 20311 C2	AGE	434	189.198	-97.623	19.001	1.00133.19	A160
ATON 20312 C2	AGE	434	190.231	-99.408	19.001	1.00133.19	A160
ATON 20313 C2	AGE	434	191.264	-101.193	19.001	1.00133.19	A160
ATON 20314 C2	AGE	434	192.297	-102.978	19.001	1.00133.19	A160
ATON 20315 C2	AGE	434	193.330	-104.763	19.001	1.00133.19	A160
ATON 20316 C2	AGE	434	194.363	-106.548	19.001	1.00133.19	A160
ATON 20317 C2	AGE	434	195.396	-108.333	19.001	1.00133.19	A160
ATON 20318 C2	AGE	434	196.429	-110.118	19.001	1.00133.19	A160
ATON 20319 C2	AGE	434	197.462	-111.903	19.001	1.00133.19	A160
ATON 20320 C2	AGE	434	198.495	-113.688	19.001	1.00133.19	A160
ATON 20321 C2	AGE	434	199.528	-115.473	19.001	1.00133.19	A160
ATON 20322 C2	AGE	434	200.561	-117.258	19.001	1.00133.19	A160
ATON 20323 C2	AGE	434	201.594	-119.043	19.001	1.00133.19	A160
ATON 20324 C2	AGE	434	202.627	-120.828	19.001	1.00133.19	A160
ATON 20325 C2	AGE	434	203.660	-122.613	19.001	1.00133.19	A160
ATON 20326 C2	AGE	434	204.693	-124.398	19.001	1.00133.19	A160
ATON 20327 C2	AGE	434	205.726	-126.183	19.001	1.00133.19	A160
ATON 20328 C2	AGE	434	206.759	-127.968	19.001	1.00133.19	A160
ATON 20329 C2	AGE	434	207.792	-129.753	19.001	1.00133.19	A160
ATON 20330 C2	AGE	434	208.825	-131.538	19.001	1.00133.19	A160
ATON 20331 C2	AGE	434	209.858	-133.323	19.001	1.00133.19	A160
ATON 20332 C2	AGE	434	210.891	-135.108	19.001	1.00133.19	A160
ATON 20333 C2	AGE	434	211.924	-136.893	19.001	1.00133.19	A160
ATON 20334 C2	AGE	434	212.957	-138.678	19.001	1.00133.19	A160
ATON 20335 C2	AGE	434	213.990	-140.463	19.001	1.00133.19	A160
ATON 20336 C2	AGE	434	215.023	-142.248	19.001	1.00133.19	A160
ATON 20337 C2	AGE	434	216.056	-144.033	19.001	1.00133.19	A160
ATON 20338 C2	AGE	434	217.089	-145.818	19.001	1.00133.19	A160
ATON 20339 C2	AGE	434	218.122	-147.603	19.001	1.00133.19	A160
ATON 20340 C2	AGE	434	219.155	-149.388	19.001	1.00133.19	A160
ATON 20341 C2	AGE	434	220.188	-151.173	19.001	1.0013	

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ATON	20033	03	ADG	400	154.794	89.178	44.162	1.00	86.73	A160
ATON	20034	03	ADG	400	154.802	87.733	43.443	1.00	78.50	A160
ATON	20035	03	ADG	400	154.810	86.855	42.444	1.00	71.40	A160
ATON	20036	03	ADG	400	154.818	85.938	41.445	1.00	64.30	A160
ATON	20037	03	ADG	400	154.826	85.021	40.446	1.00	57.20	A160
ATON	20038	03	ADG	400	154.834	84.104	39.447	1.00	50.10	A160
ATON	20039	03	ADG	400	154.842	83.187	38.448	1.00	43.00	A160
ATON	20040	03	ADG	400	154.850	82.270	37.449	1.00	35.90	A160
ATON	20041	03	ADG	400	154.858	81.353	36.450	1.00	28.80	A160
ATON	20042	03	ADG	400	154.866	80.436	35.451	1.00	21.70	A160
ATON	20043	03	ADG	400	154.874	79.519	34.452	1.00	14.60	A160
ATON	20044	03	ADG	400	154.882	78.602	33.453	1.00	7.50	A160
ATON	20045	03	ADG	400	154.890	77.685	32.454	1.00	0.40	A160
ATON	20046	03	ADG	400	154.898	76.768	31.455	1.00	-6.70	A160
ATON	20047	03	ADG	400	154.906	75.851	30.456	1.00	-13.80	A160
ATON	20048	03	ADG	400	154.914	74.934	29.457	1.00	-20.90	A160
ATON	20049	03	ADG	400	154.922	74.017	28.458	1.00	-28.00	A160
ATON	20050	03	ADG	400	154.930	73.100	27.459	1.00	-35.10	A160
ATON	20051	03	ADG	400	154.938	72.183	26.460	1.00	-42.20	A160
ATON	20052	03	ADG	400	154.946	71.266	25.461	1.00	-49.30	A160
ATON	20053	03	ADG	400	154.954	70.349	24.462	1.00	-56.40	A160
ATON	20054	03	ADG	400	154.962	69.432	23.463	1.00	-63.50	A160
ATON	20055	03	ADG	400	154.970	68.515	22.464	1.00	-70.60	A160
ATON	20056	03	ADG	400	154.978	67.598	21.465	1.00	-77.70	A160
ATON	20057	03	ADG	400	154.986	66.681	20.466	1.00	-84.80	A160
ATON	20058	03	ADG	400	154.994	65.764	19.467	1.00	-91.90	A160
ATON	20059	03	ADG	400	155.002	64.847	18.468	1.00	-99.00	A160
ATON	20060	03	ADG	400	155.010	63.930	17.469	1.00	-106.10	A160
ATON	20061	03	ADG	400	155.018	63.013	16.470	1.00	-113.20	A160
ATON	20062	03	ADG	400	155.026	62.096	15.471	1.00	-120.30	A160
ATON	20063	03	ADG	400	155.034	61.179	14.472	1.00	-127.40	A160
ATON	20064	03	ADG	400	155.042	60.262	13.473	1.00	-134.50	A160
ATON	20065	03	ADG	400	155.050	59.345	12.474	1.00	-141.60	A160
ATON	20066	03	ADG	400	155.058	58.428	11.475	1.00	-148.70	A160
ATON	20067	03	ADG	400	155.066	57.511	10.476	1.00	-155.80	A160
ATON	20068	03	ADG	400	155.074	56.594	9.477	1.00	-162.90	A160
ATON	20069	03	ADG	400	155.082	55.677	8.478	1.00	-170.00	A160
ATON	20070	03	ADG	400	155.090	54.760	7.479	1.00	-177.10	A160
ATON	20071	03	ADG	400	155.098	53.843	6.480	1.00	-184.20	A160
ATON	20072	03	ADG	400	155.106	52.926	5.481	1.00	-191.30	A160
ATON	20073	03	ADG	400	155.114	52.009	4.482	1.00	-198.40	A160
ATON	20074	03	ADG	400	155.122	51.092	3.483	1.00	-205.50	A160
ATON	20075	03	ADG	400	155.130	50.175	2.484	1.00	-212.60	A160
ATON	20076	03	ADG	400	155.138	49.258	1.485	1.00	-219.70	A160
ATON	20077	03	ADG	400	155.146	48.341	0.486	1.00	-226.80	A160
ATON	20078	03	ADG	400	155.154	47.424	-0.513	1.00	-233.90	A160
ATON	20079	03	ADG	400	155.162	46.507	-1.514	1.00	-241.00	A160
ATON	20080	03	ADG	400	155.170	45.590	-2.515	1.00	-248.10	A160
ATON	20081	03	ADG	400	155.178	44.673	-3.516	1.00	-255.20	A160
ATON	20082	03	ADG	400	155.186	43.756	-4.517	1.00	-262.30	A160
ATON	20083	03	ADG	400	155.194	42.839	-5.518	1.00	-269.40	A160
ATON	20084	03	ADG	400	155.202	41.922	-6.519	1.00	-276.50	A160
ATON	20085	03	ADG	400	155.210	41.005	-7.520	1.00	-283.60	A160
ATON	20086	03	ADG	400	155.218	40.088	-8.521	1.00	-290.70	A160
ATON	20087	03	ADG	400	155.226	39.171	-9.522	1.00	-297.80	A160
ATON	20088	03	ADG	400	155.234	38.254	-10.523	1.00	-304.90	A160
ATON	20089	03	ADG	400	155.242	37.337	-11.524	1.00	-312.00	A160
ATON	20090	03	ADG	400	155.250	36.420	-12.525	1.00	-319.10	A160
ATON	20091	03	ADG	400	155.258	35.503	-13.526	1.00	-326.20	A160
ATON	20092	03	ADG	400	155.266	34.586	-14.527	1.00	-333.30	A160
ATON	20093	03	ADG	400	155.274	33.669	-15.528	1.00	-340.40	A160
ATON	20094	03	ADG	400	155.282	32.752	-16.529	1.00	-347.50	A160
ATON	20095	03	ADG	400	155.290	31.835	-17.530	1.00	-354.60	A160
ATON	20096	03	ADG	400	155.298	30.918	-18.531	1.00	-361.70	A160
ATON	20097	03	ADG	400	155.306	30.001	-19.532	1.00	-368.80	A160
ATON	20098	03	ADG	400	155.314	29.084	-20.533	1.00	-375.90	A160
ATON	20099	03	ADG	400	155.322	28.167	-21.534	1.00	-383.00	A160
ATON	20100	03	ADG	400	155.330	27.250	-22.535	1.00	-390.10	A160
ATON	20101	03	ADG	400	155.338	26.333	-23.536	1.00	-397.20	A160
ATON	20102	03	ADG	400	155.346	25.416	-24.537	1.00	-404.30	A160
ATON	20103	03	ADG	400	155.354	24.499	-25.538	1.00	-411.40	A160
ATON	20104	03	ADG	400	155.362	23.582	-26.539	1.00	-418.50	A160
ATON	20105	03	ADG	400	155.370	22.665	-27.540	1.00	-425.60	A160
ATON	20106	03	ADG	400	155.378	21.748	-28.541	1.00	-432.70	A160
ATON	20107	03	ADG	400	155.386	20.831	-29.542	1.00	-439.80	A160
ATON	20108	03	ADG	400	155.394	19.914	-30.543	1.00	-446.90	A160
ATON	20109	03	ADG	400	155.402	18.997	-31.544	1.00	-454.00	A160
ATON	20110	03	ADG	400	155.410	18.080	-32.545	1.00	-461.10	A160
ATON	20111	03	ADG	400	155.418	17.163	-33.546	1.00	-468.20	A160
ATON	20112	03	ADG	400	155.426	16.246	-34.547	1.00	-475.30	A160
ATON	20113	03	ADG	400	155.434	15.329	-35.548	1.00	-482.40	A160
ATON	20114	03	ADG	400	155.442	14.412	-36.549	1.00	-489.50	A160
ATON	20115	03	ADG	400	155.450	13.495	-37.550	1.00	-496.60	A160
ATON	20116	03	ADG	400	155.458	12.578	-38.551	1.00	-503.70	A160
ATON	20117	03	ADG	400	155.466	11.661	-39.552	1.00	-510.80	A160
ATON	20118	03	ADG	400	155.474	10.744	-40.553	1.00	-517.90	A160
ATON	20119	03	ADG	400	155.482	9.827	-41.554	1.00	-525.00	A160
ATON	20120	03	ADG	400	155.490	8.910	-42.555	1.00	-532.10	A160
ATON	20121	03	ADG	400	155.498	7.993	-43.556	1.00	-539.20	A160
ATON	20122	03	ADG	400	155.506	7.076	-44.557	1.00	-546.30	A160
ATON	20123	03	ADG	400	155.514	6.159	-45.558	1.00	-553.40	A160
ATON	20124	03	ADG	400	155.522	5.242	-46.559	1.00	-560.50	A160
ATON	20125	03	ADG	400	155.530	4.325	-47.560	1.00	-567.60	A160
ATON	20126	03	ADG	400	155.538	3.408	-48.561	1.00	-574.70	A160
ATON	20127	03	ADG	400	155.546	2.491	-49.562	1.00	-581.80	A160
ATON	20128	03	ADG	400	155.554	1.574	-50.563	1.00	-588.90	A160
ATON	20129	03	ADG	400	155.562	0.657	-51.564	1.00	-596.00	A160
ATON	20130	03	ADG	400	155.570	-0.260	-52.565	1.00	-603.10	A160
ATON	20131	03	ADG	400	155.578	-1.343	-53.566	1.00	-610.20	A160
ATON	20132	03	ADG	400	155.586	-2.426	-54.567	1.00	-617.30	A160
ATON	20133	03	ADG	400	155.594	-3.509	-55.568	1.00	-624.40	A160
ATON	20134	03	ADG	400	155.602	-4.592	-56.569	1.00	-631.50	A160
ATON	20135	03	ADG	400	155.610	-5.675	-57.570	1.00	-638.60	A160
ATON	20136	03	ADG	400	155.618	-6.758	-58.571	1.00	-645.70	A160
ATON	20137	03	ADG	400	155.626	-7.841	-59.572	1.00	-652.80	A160
ATON	20138	03	ADG	400	155.634	-8.924	-60.573	1.00	-659.90	A160
ATON	20139	03	ADG	400	155.642	-10.007	-61.574	1.00	-667.00	A160
ATON	20140	03	ADG	400	155.650	-11.090	-62.575	1.00	-674.10	A160
ATON	20141	03	ADG	400	155.658	-12.173	-63.576	1.00	-681.20	A160
ATON	20142	03	ADG	400	155.666	-13.256	-64.577	1.00	-688.30	A160
ATON	20143	03	ADG	400	155.674	-14.339	-65.578	1.00	-695.40	A160
ATON	20144	03	ADG	400	155.682	-15.422	-66.579	1.00	-702.50	A160

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ATC01	23431	C1	USA	507	147,151	95,000	1,715	1.00	50.70	A16A
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ATC01	23433	C1	USA	507	140,420	94,000	1,600	1.00	50.72	A16A
ATC01	23434	C1	USA	507	170,114	94,000	1,600	1.00	51.04	A16A
ATC01	23435	C1	USA	507	177,230	92,511	2,301	1.00	50.94	A16A
ATC01	23436	C1	USA	507	171,781	91,352	1,600	1.00	50.94	A16A
ATC01	23437	C1	USA	507	171,000	91,310	1,600	1.00	50.94	A16A
ATC01	23438	C1	USA	507	170,487	90,900	1,543	1.00	51.04	A16A
ATC01	23439	C1	USA	507	170,330	91,700	1,600	1.00	51.04	A16A
ATC01	23440	C1	USA	507	169,417	90,215	1,600	1.00	51.04	A16A
ATC01	23441	C1	USA	507	168,623	89,495	1,600	1.00	51.04	A16A
ATC01	23442	C1	USA	507	160,000	89,427	1,611	1.00	51.04	A16A
ATC01	23443	C1	USA	507	160,000	89,230	1,600	1.00	51.04	A16A
ATC01	23444	C1	USA	507	178,000	93,513	5,902	1.00	50.94	A16A
ATC01	23445	C1	USA	507	161,120	101,040	1,600	1.00	51.04	A16A
ATC01	23446	C1	USA	507	170,225	100,523	4,332	1.00	51.04	A16A
ATC01	23447	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23448	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23449	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23450	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23451	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23452	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23453	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23454	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23455	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23456	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23457	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23458	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23459	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23460	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23461	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23462	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23463	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23464	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23465	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23466	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23467	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23468	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23469	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23470	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23471	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23472	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23473	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23474	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23475	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23476	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23477	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23478	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23479	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23480	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23481	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23482	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23483	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23484	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23485	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23486	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23487	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23488	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23489	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23490	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23491	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23492	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23493	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23494	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23495	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23496	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23497	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23498	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23499	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23500	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23501	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23502	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23503	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23504	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23505	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23506	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23507	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23508	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23509	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23510	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23511	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23512	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23513	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23514	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23515	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23516	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23517	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23518	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23519	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23520	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23521	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23522	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23523	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23524	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23525	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23526	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23527	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23528	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23529	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23530	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23531	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23532	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23533	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23534	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23535	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23536	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23537	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23538	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23539	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23540	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23541	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23542	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23543	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23544	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23545	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23546	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23547	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23548	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23549	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23550	C1	USA	507	170,145	99,347	1,600	1.00	51.04	A16A
ATC01	23551									

ATON 2731	C	QMA	321	179.000	62.037	27.334	1.00	53.45	A158	ATON 2760	C	QMA	327	168.613	67.973	25.000	1.00	53.46	A163
ATON 2732	C	QMA	321	179.411	62.037	27.334	1.00	53.45	A158	ATON 2761	C	QMA	327	168.616	67.973	25.000	1.00	53.46	A163
ATON 2733	C	QMA	321	179.514	62.062	28.118	1.00	53.45	A163	ATON 2762	C	QMA	327	168.263	69.239	25.000	1.00	53.46	A163
ATON 2734	C	QMA	321	179.617	62.062	28.118	1.00	53.45	A163	ATON 2763	C	QMA	327	167.313	69.239	25.000	1.00	53.46	A163
ATON 2735	C	QMA	321	179.716	62.062	28.118	1.00	53.45	A163	ATON 2764	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2736	C	QMA	321	179.815	62.062	28.118	1.00	53.45	A163	ATON 2765	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2737	C	QMA	321	179.914	62.062	28.118	1.00	53.45	A163	ATON 2766	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2738	C	QMA	321	180.013	62.062	28.118	1.00	53.45	A163	ATON 2767	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2739	C	QMA	321	180.112	62.062	28.118	1.00	53.45	A163	ATON 2768	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2740	C	QMA	321	180.211	62.062	28.118	1.00	53.45	A163	ATON 2769	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2741	C	QMA	321	180.310	62.062	28.118	1.00	53.45	A163	ATON 2770	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2742	C	QMA	321	180.409	62.062	28.118	1.00	53.45	A163	ATON 2771	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2743	C	QMA	321	180.508	62.062	28.118	1.00	53.45	A163	ATON 2772	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2744	C	QMA	321	180.607	62.062	28.118	1.00	53.45	A163	ATON 2773	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2745	C	QMA	321	180.706	62.062	28.118	1.00	53.45	A163	ATON 2774	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2746	C	QMA	321	180.805	62.062	28.118	1.00	53.45	A163	ATON 2775	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2747	C	QMA	321	180.904	62.062	28.118	1.00	53.45	A163	ATON 2776	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2748	C	QMA	321	181.003	62.062	28.118	1.00	53.45	A163	ATON 2777	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2749	C	QMA	321	181.102	62.062	28.118	1.00	53.45	A163	ATON 2778	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2750	C	QMA	321	181.201	62.062	28.118	1.00	53.45	A163	ATON 2779	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2751	C	QMA	321	181.300	62.062	28.118	1.00	53.45	A163	ATON 2780	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2752	C	QMA	321	181.400	62.062	28.118	1.00	53.45	A163	ATON 2781	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2753	C	QMA	321	181.500	62.062	28.118	1.00	53.45	A163	ATON 2782	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2754	C	QMA	321	181.600	62.062	28.118	1.00	53.45	A163	ATON 2783	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2755	C	QMA	321	181.700	62.062	28.118	1.00	53.45	A163	ATON 2784	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2756	C	QMA	321	181.800	62.062	28.118	1.00	53.45	A163	ATON 2785	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2757	C	QMA	321	181.900	62.062	28.118	1.00	53.45	A163	ATON 2786	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2758	C	QMA	321	182.000	62.062	28.118	1.00	53.45	A163	ATON 2787	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2759	C	QMA	321	182.100	62.062	28.118	1.00	53.45	A163	ATON 2788	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2760	C	QMA	321	182.200	62.062	28.118	1.00	53.45	A163	ATON 2789	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2761	C	QMA	321	182.300	62.062	28.118	1.00	53.45	A163	ATON 2790	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2762	C	QMA	321	182.400	62.062	28.118	1.00	53.45	A163	ATON 2791	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2763	C	QMA	321	182.500	62.062	28.118	1.00	53.45	A163	ATON 2792	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2764	C	QMA	321	182.600	62.062	28.118	1.00	53.45	A163	ATON 2793	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2765	C	QMA	321	182.700	62.062	28.118	1.00	53.45	A163	ATON 2794	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2766	C	QMA	321	182.800	62.062	28.118	1.00	53.45	A163	ATON 2795	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2767	C	QMA	321	182.900	62.062	28.118	1.00	53.45	A163	ATON 2796	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2768	C	QMA	321	183.000	62.062	28.118	1.00	53.45	A163	ATON 2797	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2769	C	QMA	321	183.100	62.062	28.118	1.00	53.45	A163	ATON 2798	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2770	C	QMA	321	183.200	62.062	28.118	1.00	53.45	A163	ATON 2799	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2771	C	QMA	321	183.300	62.062	28.118	1.00	53.45	A163	ATON 2800	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2772	C	QMA	321	183.400	62.062	28.118	1.00	53.45	A163	ATON 2801	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2773	C	QMA	321	183.500	62.062	28.118	1.00	53.45	A163	ATON 2802	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2774	C	QMA	321	183.600	62.062	28.118	1.00	53.45	A163	ATON 2803	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2775	C	QMA	321	183.700	62.062	28.118	1.00	53.45	A163	ATON 2804	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2776	C	QMA	321	183.800	62.062	28.118	1.00	53.45	A163	ATON 2805	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2777	C	QMA	321	183.900	62.062	28.118	1.00	53.45	A163	ATON 2806	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2778	C	QMA	321	184.000	62.062	28.118	1.00	53.45	A163	ATON 2807	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2779	C	QMA	321	184.100	62.062	28.118	1.00	53.45	A163	ATON 2808	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2780	C	QMA	321	184.200	62.062	28.118	1.00	53.45	A163	ATON 2809	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2781	C	QMA	321	184.300	62.062	28.118	1.00	53.45	A163	ATON 2810	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2782	C	QMA	321	184.400	62.062	28.118	1.00	53.45	A163	ATON 2811	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2783	C	QMA	321	184.500	62.062	28.118	1.00	53.45	A163	ATON 2812	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2784	C	QMA	321	184.600	62.062	28.118	1.00	53.45	A163	ATON 2813	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2785	C	QMA	321	184.700	62.062	28.118	1.00	53.45	A163	ATON 2814	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2786	C	QMA	321	184.800	62.062	28.118	1.00	53.45	A163	ATON 2815	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2787	C	QMA	321	184.900	62.062	28.118	1.00	53.45	A163	ATON 2816	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2788	C	QMA	321	185.000	62.062	28.118	1.00	53.45	A163	ATON 2817	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2789	C	QMA	321	185.100	62.062	28.118	1.00	53.45	A163	ATON 2818	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2790	C	QMA	321	185.200	62.062	28.118	1.00	53.45	A163	ATON 2819	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2791	C	QMA	321	185.300	62.062	28.118	1.00	53.45	A163	ATON 2820	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2792	C	QMA	321	185.400	62.062	28.118	1.00	53.45	A163	ATON 2821	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2793	C	QMA	321	185.500	62.062	28.118	1.00	53.45	A163	ATON 2822	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2794	C	QMA	321	185.600	62.062	28.118	1.00	53.45	A163	ATON 2823	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2795	C	QMA	321	185.700	62.062	28.118	1.00	53.45	A163	ATON 2824	C	QMA	327	169.965	69.239	25.000	1.00	53.46	A163
ATON 2796	C	QMA	321</																

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ATON 30219	02	CY	547	141.070 104.973	-16.061	1.00	30.03	A15A
ATON 30220	02	CY	547	142.082 104.985	-16.066	1.00	30.03	A15A
ATON 30221	02	CY	547	143.094 105.000	-16.071	1.00	30.03	A15A
ATON 30222	02	CY	548	144.106 105.017	-16.076	1.00	30.03	A15A
ATON 30223	01	02	548	145.118 105.035	-16.081	1.00	30.02	A15A
ATON 30224	03	02	548	146.130 105.052	-16.086	1.00	30.02	A15A
ATON 30225	03	02	548	147.142 105.069	-16.091	1.00	30.02	A15A
ATON 30226	03	02	548	148.154 105.086	-16.096	1.00	30.02	A15A
ATON 30227	04	02	548	149.166 105.103	-16.101	1.00	30.02	A15A
ATON 30228	04	02	548	150.178 105.120	-16.106	1.00	30.02	A15A
ATON 30229	04	02	548	151.190 105.137	-16.111	1.00	30.02	A15A
ATON 30230	04	02	548	152.202 105.154	-16.116	1.00	30.02	A15A
ATON 30231	04	02	548	153.214 105.171	-16.121	1.00	30.02	A15A
ATON 30232	04	02	548	154.226 105.188	-16.126	1.00	30.02	A15A
ATON 30233	04	02	548	155.238 105.205	-16.131	1.00	30.02	A15A
ATON 30234	04	02	548	156.250 105.222	-16.136	1.00	30.02	A15A
ATON 30235	04	02	548	157.262 105.239	-16.141	1.00	30.02	A15A
ATON 30236	04	02	548	158.274 105.256	-16.146	1.00	30.02	A15A
ATON 30237	04	02	548	159.286 105.273	-16.151	1.00	30.02	A15A
ATON 30238	04	02	548	160.298 105.290	-16.156	1.00	30.02	A15A
ATON 30239	04	02	548	161.310 105.307	-16.161	1.00	30.02	A15A
ATON 30240	04	02	548	162.322 105.324	-16.166	1.00	30.02	A15A
ATON 30241	04	02	548	163.334 105.341	-16.171	1.00	30.02	A15A
ATON 30242	04	02	548	164.346 105.358	-16.176	1.00	30.02	A15A
ATON 30243	04	02	548	165.358 105.375	-16.181	1.00	30.02	A15A
ATON 30244	04	02	548	166.370 105.392	-16.186	1.00	30.02	A15A
ATON 30245	04	02	548	167.382 105.409	-16.191	1.00	30.02	A15A
ATON 30246	04	02	548	168.394 105.426	-16.196	1.00	30.02	A15A
ATON 30247	04	02	548	169.406 105.443	-16.201	1.00	30.02	A15A
ATON 30248	04	02	548	170.418 105.460	-16.206	1.00	30.02	A15A
ATON 30249	04	02	548	171.430 105.477	-16.211	1.00	30.02	A15A
ATON 30250	04	02	548	172.442 105.494	-16.216	1.00	30.02	A15A
ATON 30251	04	02	548	173.454 105.511	-16.221	1.00	30.02	A15A
ATON 30252	04	02	548	174.466 105.528	-16.226	1.00	30.02	A15A
ATON 30253	04	02	548	175.478 105.545	-16.231	1.00	30.02	A15A
ATON 30254	04	02	548	176.490 105.562	-16.236	1.00	30.02	A15A
ATON 30255	04	02	548	177.502 105.579	-16.241	1.00	30.02	A15A
ATON 30256	04	02	548	178.514 105.596	-16.246	1.00	30.02	A15A
ATON 30257	04	02	548	179.526 105.613	-16.251	1.00	30.02	A15A
ATON 30258	04	02	548	180.538 105.630	-16.256	1.00	30.02	A15A
ATON 30259	04	02	548	181.550 105.647	-16.261	1.00	30.02	A15A
ATON 30260	04	02	548	182.562 105.664	-16.266	1.00	30.02	A15A
ATON 30261	04	02	548	183.574 105.681	-16.271	1.00	30.02	A15A
ATON 30262	04	02	548	184.586 105.698	-16.276	1.00	30.02	A15A
ATON 30263	04	02	548	185.598 105.715	-16.281	1.00	30.02	A15A
ATON 30264	04	02	548	186.610 105.732	-16.286	1.00	30.02	A15A
ATON 30265	04	02	548	187.622 105.749	-16.291	1.00	30.02	A15A
ATON 30266	04	02	548	188.634 105.766	-16.296	1.00	30.02	A15A
ATON 30267	04	02	548	189.646 105.783	-16.301	1.00	30.02	A15A
ATON 30268	04	02	548	190.658 105.800	-16.306	1.00	30.02	A15A
ATON 30269	04	02	548	191.670 105.817	-16.311	1.00	30.02	A15A
ATON 30270	04	02	548	192.682 105.834	-16.316	1.00	30.02	A15A
ATON 30271	04	02	548	193.694 105.851	-16.321	1.00	30.02	A15A
ATON 30272	04	02	548	194.706 105.868	-16.326	1.00	30.02	A15A
ATON 30273	04	02	548	195.718 105.885	-16.331	1.00	30.02	A15A
ATON 30274	04	02	548	196.730 105.902	-16.336	1.00	30.02	A15A
ATON 30275	04	02	548	197.742 105.919	-16.341	1.00	30.02	A15A
ATON 30276	04	02	548	198.754 105.936	-16.346	1.00	30.02	A15A
ATON 30277	04	02	548	199.766 105.953	-16.351	1.00	30.02	A15A
ATON 30278	04	02	548	200.778 105.970	-16.356	1.00	30.02	A15A
ATON 30279	04	02	548	201.790 105.987	-16.361	1.00	30.02	A15A
ATON 30280	04	02	548	202.802 106.004	-16.366	1.00	30.02	A15A
ATON 30281	04	02	548	203.814 106.021	-16.371	1.00	30.02	A15A
ATON 30282	04	02	548	204.826 106.038	-16.376	1.00	30.02	A15A
ATON 30283	04	02	548	205.838 106.055	-16.381	1.00	30.02	A15A
ATON 30284	04	02	548	206.850 106.072	-16.386	1.00	30.02	A15A
ATON 30285	04	02	548	207.862 106.089	-16.391	1.00	30.02	A15A
ATON 30286	04	02	548	208.874 106.106	-16.396	1.00	30.02	A15A
ATON 30287	04	02	548	209.886 106.123	-16.401	1.00	30.02	A15A
ATON 30288	04	02	548	210.898 106.140	-16.406	1.00	30.02	A15A
ATON 30289	04	02	548	211.910 106.157	-16.411	1.00	30.02	A15A
ATON 30290	04	02	548	212.922 106.174	-16.416	1.00	30.02	A15A
ATON 30291	04	02	548	213.934 106.191	-16.421	1.00	30.02	A15A
ATON 30292	04	02	548	214.946 106.208	-16.426	1.00	30.02	A15A
ATON 30293	04	02	548	215.958 106.225	-16.431	1.00	30.02	A15A
ATON 30294	04	02	548	216.970 106.242	-16.436	1.00	30.02	A15A
ATON 30295	04	02	548	217.982 106.259	-16.441	1.00	30.02	A15A
ATON 30296	04	02	548	218.994 106.276	-16.446	1.00	30.02	A15A
ATON 30297	04	02	548	219.006 106.293	-16.451	1.00	30.02	A15A
ATON 30298	04	02	548	220.018 106.310	-16.456	1.00	30.02	A15A
ATON 30299	04	02	548	221.030 106.327	-16.461	1.00	30.02	A15A
ATON 30300	04	02	548	222.042 106.344	-16.466	1.00	30.02	A15A
ATON 30301	04	02	548	223.054 106.361	-16.471	1.00	30.02	A15A
ATON 30302	04	02	548	224.066 106.378	-16.476	1.00	30.02	A15A
ATON 30303	04	02	548	225.078 106.395	-16.481	1.00	30.02	A15A
ATON 30304	04	02	548	226.090 106.412	-16.486	1.00	30.02	A15A
ATON 30305	04	02	548	227.102 106.429	-16.491	1.00	30.02	A15A
ATON 30306	04	02	548	228.114 106.446	-16.496	1.00	30.02	A15A
ATON 30307	04	02	548	229.126 106.463	-16.501	1.00	30.02	A15A
ATON 30308	04	02	548	230.138 106.480	-16.506	1.00	30.02	A15A
ATON 30309	04	02	548	231.150 106.497	-16.511	1.00	30.02	A15A
ATON 30310	04	02	548	232.162 106.514	-16.516	1.00	30.02	A15A
ATON 30311	04	02	548	233.174 106.531	-16.521	1.00	30.02	A15A
ATON 30312	04	02	548	234.186 106.548	-16.526	1.00	30.02	A15A
ATON 30313	04	02	548	235.198 106.565	-16.531	1.00	30.02	A15A
ATON 30314	04	02	548	236.210 106.582	-16.536	1.00	30.02	A15A
ATON 30315	04	02	548	237.222 106.599	-16.541	1.00	30.02	A15A
ATON 30316	04	02	548	238.234 106.616	-16.546	1.00	30.02	A15A
ATON 30317	04	02	548	239.246 106.633	-16.551	1.00	30.02	A15A
ATON 30318	04	02	548	240.258 106.650	-16.556	1.00	30.02	A15A
ATON 30319	04	02	548	241.270 106.667	-16.561	1.00	30.02	A15A
ATON 30320	04	02	548	242.282 106.684	-16.566	1.00	30.02	A15A
ATON 30321	04	02	548	243.294 106.701	-16.571	1.00	30.02	A15A
ATON 30322	04	02	548	244.306 106.718	-16.576	1.00	30.02	A15A
ATON 30323	04	02	548	245.318 106.735	-16.581	1.00	30.02	A15A
ATON 30324	04	02	548	246.330 106.752	-16.586	1.00	30.02	A15A
ATON 30325	04	02	548	247.342 106.769	-16.591	1.00	30.02	A15A
ATON 30326	04	02	548	248.354 106.786	-16.596	1.00	30.02	A15A
ATON 30327	04	02	548	249.366 106.803	-16.601	1.00	30.02	A15A
ATON 30328	04	02	548	250.378 106.820	-16.606	1.00	30.02	A15A
ATON 30329	04	02	548	251.390 106.837	-16.611	1.00	30.02	A15A
ATON 30330	04	02	548	252.402 106.854	-16.616	1.00	30.02	A15A
ATON 30331	04	02	548	253.414 106.871	-16.621	1.00	30.02	A15A
ATON 30332	04	02	548	254.426 106.888	-16.626	1.00	30.02	A15A
ATON 30333	04	02	548	255.438 106.905	-16.631	1.00	30.02	A15A
ATON 30334	04	02	548	256.450 106.922	-16.636	1.00	30.02	A15A
ATON 30335	04	02	548	257.462 106.939	-16.641	1.00	30.02	A15A
ATON 30336	04	02	548	258.474 106.956	-16.646	1.00	30.02	A15A
ATON 30337	04	02	548	259.486 106.973	-16.651	1.00	30.02	A15A
ATON 30338	04	02	548	260.498 106.990	-16.656	1.00	30.02	A15A
ATON 30339	04	02	548	261.510 107.007	-16.661	1.00	30.02	A15A
ATON 30340	04	02	548	262.522 107.024	-16.666	1.00	30.02	A15A
ATON 3</								

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ATOP 30040	C1	574	129.333	123.137	-37.624	1.00	71.39	A143	ATOP 31003	C2	566	178.339	187.465	-74.799	1.00	55.44	A160
ATOP 30041	C2	574	122.003	119.379	-77.825	1.00	72.39	A144	ATOP 31004	C1	566	174.004	187.222	-77.148	1.00	55.44	A161
ATOP 30042	C2	574	120.111	118.490	-79.162	1.00	71.39	A145	ATOP 31005	C1	566	172.167	186.900	-77.543	1.00	55.44	A162
ATOP 30043	C1	574	119.114	120.193	-40.191	1.00	54.90	A146	ATOP 31006	C1	566	172.646	187.316	-77.494	1.00	55.44	A163
ATOP 30044	C1	574	118.361	119.144	-41.004	1.00	54.90	A147	ATOP 31007	C1	566	172.293	187.146	-77.791	1.00	55.44	A164
ATOP 30045	C1	574	118.044	118.789	-42.000	1.00	54.90	A148	ATOP 31008	C1	566	172.000	186.975	-77.790	1.00	55.44	A165
ATOP 30046	C1	574	118.490	117.190	-42.223	1.00	54.90	A149	ATOP 31009	C1	566	171.199	186.847	-77.893	1.00	55.44	A166
ATOP 30047	C1	574	118.490	116.487	-42.883	1.00	72.39	A150	ATOP 31010	C1	566	170.488	186.417	-77.934	1.00	55.44	A167
ATOP 30048	C1	574	118.490	115.711	-43.781	1.00	72.39	A151	ATOP 31011	C1	566	170.164	186.052	-78.061	1.00	55.44	A168
ATOP 30049	C1	574	118.490	114.935	-44.644	1.00	72.39	A152	ATOP 31012	C1	566	169.495	185.411	-78.111	1.00	55.44	A169
ATOP 30050	C1	574	118.490	114.159	-45.506	1.00	72.39	A153	ATOP 31013	C1	566	168.826	184.770	-78.161	1.00	55.44	A170
ATOP 30051	C1	574	118.490	113.383	-46.368	1.00	72.39	A154	ATOP 31014	C1	566	168.157	184.129	-78.211	1.00	55.44	A171
ATOP 30052	C1	574	118.490	112.607	-47.230	1.00	72.39	A155	ATOP 31015	C1	566	167.488	183.488	-78.261	1.00	55.44	A172
ATOP 30053	C1	574	118.490	111.831	-48.092	1.00	72.39	A156	ATOP 31016	C1	566	166.819	182.847	-78.311	1.00	55.44	A173
ATOP 30054	C1	574	118.490	111.055	-48.954	1.00	72.39	A157	ATOP 31017	C1	566	166.150	182.206	-78.361	1.00	55.44	A174
ATOP 30055	C1	574	118.490	110.279	-49.816	1.00	72.39	A158	ATOP 31018	C1	566	165.481	181.565	-78.411	1.00	55.44	A175
ATOP 30056	C1	574	118.490	109.503	-50.678	1.00	72.39	A159	ATOP 31019	C1	566	164.812	180.924	-78.461	1.00	55.44	A176
ATOP 30057	C1	574	118.490	108.727	-51.540	1.00	72.39	A160	ATOP 31020	C1	566	164.143	180.283	-78.511	1.00	55.44	A177
ATOP 30058	C1	574	118.490	107.951	-52.402	1.00	72.39	A161	ATOP 31021	C1	566	163.474	179.642	-78.561	1.00	55.44	A178
ATOP 30059	C1	574	118.490	107.175	-53.264	1.00	72.39	A162	ATOP 31022	C1	566	162.805	179.001	-78.611	1.00	55.44	A179
ATOP 30060	C1	574	118.490	106.399	-54.126	1.00	72.39	A163	ATOP 31023	C1	566	162.136	178.360	-78.661	1.00	55.44	A180
ATOP 30061	C1	574	118.490	105.623	-54.988	1.00	72.39	A164	ATOP 31024	C1	566	161.467	177.719	-78.711	1.00	55.44	A181
ATOP 30062	C1	574	118.490	104.847	-55.850	1.00	72.39	A165	ATOP 31025	C1	566	160.798	177.078	-78.761	1.00	55.44	A182
ATOP 30063	C1	574	118.490	104.071	-56.712	1.00	72.39	A166	ATOP 31026	C1	566	160.129	176.437	-78.811	1.00	55.44	A183
ATOP 30064	C1	574	118.490	103.295	-57.574	1.00	72.39	A167	ATOP 31027	C1	566	159.460	175.796	-78.861	1.00	55.44	A184
ATOP 30065	C1	574	118.490	102.519	-58.436	1.00	72.39	A168	ATOP 31028	C1	566	158.791	175.155	-78.911	1.00	55.44	A185
ATOP 30066	C1	574	118.490	101.743	-59.298	1.00	72.39	A169	ATOP 31029	C1	566	158.122	174.514	-78.961	1.00	55.44	A186
ATOP 30067	C1	574	118.490	100.967	-60.160	1.00	72.39	A170	ATOP 31030	C1	566	157.453	173.873	-79.011	1.00	55.44	A187
ATOP 30068	C1	574	118.490	100.191	-61.022	1.00	72.39	A171	ATOP 31031	C1	566	156.784	173.232	-79.061	1.00	55.44	A188
ATOP 30069	C1	574	118.490	99.415	-61.884	1.00	72.39	A172	ATOP 31032	C1	566	156.115	172.591	-79.111	1.00	55.44	A189
ATOP 30070	C1	574	118.490	98.639	-62.746	1.00	72.39	A173	ATOP 31033	C1	566	155.446	171.950	-79.161	1.00	55.44	A190
ATOP 30071	C1	574	118.490	97.863	-63.608	1.00	72.39	A174	ATOP 31034	C1	566	154.777	171.309	-79.211	1.00	55.44	A191
ATOP 30072	C1	574	118.490	97.087	-64.470	1.00	72.39	A175	ATOP 31035	C1	566	154.108	170.668	-79.261	1.00	55.44	A192
ATOP 30073	C1	574	118.490	96.311	-65.332	1.00	72.39	A176	ATOP 31036	C1	566	153.439	170.027	-79.311	1.00	55.44	A193
ATOP 30074	C1	574	118.490	95.535	-66.194	1.00	72.39	A177	ATOP 31037	C1	566	152.770	169.386	-79.361	1.00	55.44	A194
ATOP 30075	C1	574	118.490	94.759	-67.056	1.00	72.39	A178	ATOP 31038	C1	566	152.101	168.745	-79.411	1.00	55.44	A195
ATOP 30076	C1	574	118.490	93.983	-67.918	1.00	72.39	A179	ATOP 31039	C1	566	151.432	168.104	-79.461	1.00	55.44	A196
ATOP 30077	C1	574	118.490	93.207	-68.780	1.00	72.39	A180	ATOP 31040	C1	566	150.763	167.463	-79.511	1.00	55.44	A197
ATOP 30078	C1	574	118.490	92.431	-69.642	1.00	72.39	A181	ATOP 31041	C1	566	150.094	166.822	-79.561	1.00	55.44	A198
ATOP 30079	C1	574	118.490	91.655	-70.504	1.00	72.39	A182	ATOP 31042	C1	566	149.425	166.181	-79.611	1.00	55.44	A199
ATOP 30080	C1	574	118.490	90.879	-71.366	1.00	72.39	A183	ATOP 31043	C1	566	148.756	165.540	-79.661	1.00	55.44	A200
ATOP 30081	C1	574	118.490	90.103	-72.228	1.00	72.39	A184	ATOP 31044	C1	566	148.087	164.899	-79.711	1.00	55.44	A201
ATOP 30082	C1	574	118.490	89.327	-73.090	1.00	72.39	A185	ATOP 31045	C1	566	147.418	164.258	-79.761	1.00	55.44	A202
ATOP 30083	C1	574	118.490	88.551	-73.952	1.00	72.39	A186	ATOP 31046	C1	566	146.749	163.617	-79.811	1.00	55.44	A203
ATOP 30084	C1	574	118.490	87.775	-74.814	1.00	72.39	A187	ATOP 31047	C1	566	146.080	162.976	-79.861	1.00	55.44	A204
ATOP 30085	C1	574	118.490	87.000	-75.676	1.00	72.39	A188	ATOP 31048	C1	566	145.411	162.335	-79.911	1.00	55.44	A205
ATOP 30086	C1	574	118.490	86.224	-76.538	1.00	72.39	A189	ATOP 31049	C1	566	144.742	161.694	-79.961	1.00	55.44	A206
ATOP 30087	C1	574	118.490	85.448	-77.400	1.00	72.39	A190	ATOP 31050	C1	566	144.073	161.053	-80.011	1.00	55.44	A207
ATOP 30088	C1	574	118.490	84.672	-78.262	1.00	72.39	A191	ATOP 31051	C1	566	143.404	160.412	-80.061	1.00	55.44	A208
ATOP 30089	C1	574	118.490	83.896	-79.124	1.00	72.39	A192	ATOP 31052	C1	566	142.735	159.771	-80.111	1.00	55.44	A209
ATOP 30090	C1	574	118.490	83.120	-79.986	1.00	72.39	A193	ATOP 31053	C1	566	142.066	159.130	-80.161	1.00	55.44	A210
ATOP 30091	C1	574	118.490	82.344	-80.848	1.00	72.39	A194	ATOP 31054	C1	566	141.397	158.489	-80.211	1.00	55.44	A211
ATOP 30092	C1	574	118.490	81.568	-81.710	1.00	72.39	A195	ATOP 31055	C1	566	140.728	157.848	-80.261	1.00	55.44	A212
ATOP 30093	C1	574	118.490	80.792	-82.572	1.00	72.39	A196	ATOP 31056	C1	566	140.059	157.207	-80.311	1.00	55.44	A213
ATOP 30094	C1	574	118.490	79.240	-84.296	1.00	72.39	A197	ATOP 31057	C1	566	139.390	156.566	-80.361	1.00	55.44	A214
ATOP 30095	C1	574	118.490	78.464	-85.158	1.00	72.39	A198	ATOP 31058	C1	566	138.721	155.925	-80.411	1.00	55.44	A215
ATOP 30096	C1	574	118.490	77.688	-86.020	1.00	72.39	A199	ATOP 31059	C1	566	138.052	155.284	-80.461	1.00	55.44	A216
ATOP 30097	C1	574	118.490	76.912	-86.882	1.00	72.39	A200	ATOP 31060	C1	566	137.383	154.643	-80.511	1.00	55.44	A217
ATOP 30098	C1	574	118.490	76.136	-87.744	1.00	72.39	A201	ATOP 31061	C1	566	136.714	154.002	-80.561	1.00	55.44	A218
ATOP 30099	C1	574	118.490	75.360	-88.606	1.00	72.39	A202	ATOP 31062	C1	566	136.045	153.361	-80.611	1.00	55.44	A219
ATOP 30100	C1	574	118.490	74.584	-89.468	1.00	72.39	A203									

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ATOP	31289	C	Q	AE	593	130.30	89.130	8.954	1.00	52.61	A163
ATOP	31290	C	Q	AE	593	131.942	90.616	9.176	1.00	52.61	A163
ATOP	31291	Q	Q	AE	593	131.883	90.616	9.176	1.00	52.61	A163
ATOP	31292	Q	Q	AE	593	132.000	90.616	9.176	1.00	52.61	A163
ATOP	31293	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31294	Q	Q	AE	593	131.415	91.097	9.155	1.00	53.19	A163
ATOP	31295	C	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31296	C	Q	AE	593	132.357	91.081	9.156	1.00	53.19	A163
ATOP	31297	Q	Q	AE	593	131.417	91.015	9.144	1.00	53.19	A163
ATOP	31298	C	Q	AE	593	132.000	90.616	9.176	1.00	53.19	A163
ATOP	31299	Q	Q	AE	593	129.248	90.530	9.134	1.00	53.19	A163
ATOP	31300	C	Q	AE	593	129.126	91.003	9.087	1.00	53.19	A163
ATOP	31301	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31302	C	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31303	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31304	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31305	C	Q	AE	593	129.004	90.432	9.176	1.00	53.19	A163
ATOP	31306	C	Q	AE	593	127.513	91.637	9.115	1.00	53.19	A163
ATOP	31307	Q	Q	AE	593	129.004	90.432	9.176	1.00	53.19	A163
ATOP	31308	C	Q	AE	593	131.007	91.278	9.163	1.00	53.19	A163
ATOP	31309	Q	Q	AE	593	131.007	91.278	9.163	1.00	53.19	A163
ATOP	31310	C	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31311	C	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31312	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31313	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31314	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31315	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31316	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31317	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31318	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31319	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31320	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31321	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31322	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31323	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31324	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31325	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163
ATOP	31326	Q	Q	AE	593	130.386	91.112	9.117	1.00	53.19	A163

[illegible]

ATOP	13171	C1	GM	613	122.091	102.147	-1.347	0.00	92.60	A161	ATOP	13181	C1	GM	620	109.371	100.392	-0.979	1.00	50.20	A161
ATOP	13172	C1	GM	613	122.241	103.081	-0.670	0.00	92.60	A161	ATOP	13182	C2	GM	620	112.109	101.121	-0.988	1.00	50.20	A161
ATOP	13173	C1	GM	614	122.574	103.001	-0.867	0.00	90.117.75	A161	ATOP	13183	C1	GM	620	109.647	102.376	-1.274	1.00	50.20	A161
ATOP	13174	C1	GM	614	122.000	103.061	-0.811	0.00	100.117.75	A161	ATOP	13184	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13175	C2	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13185	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13176	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13186	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13177	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13187	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13178	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13188	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13179	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13189	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13180	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13190	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13181	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13191	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13182	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13192	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13183	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13193	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13184	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13194	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13185	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13195	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13186	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13196	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13187	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13197	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13188	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13198	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13189	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13199	C1	GM	620	111.406	100.160	-1.246	1.00	50.20	A161
ATOP	13190	C1	GM	614	122.050	103.061	-0.811	0.00	100.117.75	A161	ATOP	13200	C1	GM	620	111.406	100.160	-1.246	1.00		

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ATON 32290	09	040	140.079	118.456	-59.717	1.00	59.30	A160
ATON 32291	C1	040	140.099	118.714	-60.000	1.00	59.30	A160
ATON 32292	03	040	139.512	117.800	-61.102	1.00	59.30	A160
ATON 32293	C1	040	139.544	118.283	-61.204	1.00	59.30	A160
ATON 32294	04	040	138.906	118.751	-62.149	1.00	59.30	A160
ATON 32295	07	040	138.912	119.267	-62.393	1.00	59.30	A160
ATON 32296	C6	040	140.705	118.975	-59.349	1.00	59.30	A160
ATON 32297	06	040	141.336	119.905	-58.994	1.00	59.30	A160
ATON 32298	C3	040	141.015	117.578	-59.280	1.00	59.30	A160
ATON 32299	01	040	141.704	118.491	-59.290	1.00	59.30	A160
ATON 32300	C9	040	141.091	119.029	-59.430	1.00	59.30	A160
ATON 32301	C1	040	141.002	118.165	-61.702	1.00	59.30	A160
ATON 32302	02	040	140.195	118.284	-62.564	1.00	59.30	A160
ATON 32303	C3	040	142.170	117.517	-61.948	1.00	59.30	A160
ATON 32304	05	040	142.507	117.008	-62.744	1.00	59.30	A160
ATON 32305	P	040	141.708	117.964	-61.106	1.00	59.30	A160
ATON 32306	01P	040	140.242	117.334	-61.841	1.00	59.30	A160
ATON 32307	06P	040	140.174	117.742	-62.001	1.00	59.30	A160
ATON 32308	05	040	142.735	119.061	-60.237	1.00	59.30	A160
ATON 32309	C3	040	141.705	119.493	-61.158	1.00	59.30	A160
ATON 32310	C4	040	141.100	119.948	-60.732	1.00	59.30	A160
ATON 32311	04	040	140.545	118.730	-61.645	1.00	59.30	A160
ATON 32312	C1	040	140.742	118.199	-61.856	1.00	59.30	A160
ATON 32313	09	040	141.340	118.615	-61.801	1.00	59.30	A160
ATON 32314	C4	040	141.745	119.983	-62.516	1.00	59.30	A160
ATON 32315	01	040	141.262	121.041	-60.218	1.00	59.30	A160
ATON 32316	C2	040	141.649	122.108	-62.696	1.00	59.30	A160
ATON 32317	07	040	141.282	121.742	-62.265	1.00	59.30	A160
ATON 32318	01	040	141.444	122.259	-62.574	1.00	59.30	A160
ATON 32319	C6	040	142.933	121.731	-61.841	1.00	59.30	A160
ATON 32320	06	040	143.627	121.445	-62.844	1.00	59.30	A160
ATON 32321	C7	040	142.940	121.094	-62.788	1.00	59.30	A160
ATON 32322	07	040	142.833	118.706	-61.982	1.00	59.30	A160
ATON 32323	C8	040	143.721	117.944	-62.850	1.00	59.30	A160
ATON 32324	C2	040	141.493	118.471	-62.449	1.00	59.30	A160
ATON 32325	02	040	143.730	118.747	-60.384	1.00	59.30	A160
ATON 32326	C3	040	143.701	118.888	-60.379	1.00	59.30	A160
ATON 32327	P	040	142.330	118.513	-61.717	1.00	59.30	A160
ATON 32328	02P	040	143.700	118.138	-61.727	1.00	59.30	A160
ATON 32329	02P	040	143.618	118.465	-60.918	1.00	59.30	A160
ATON 32330	01P	040	143.814	118.716	-60.457	1.00	59.30	A160
ATON 32331	C3	040	143.004	118.900	-61.517	1.00	59.30	A160
ATON 32332	C1	040	143.162	120.025	-60.918	1.00	59.30	A160
ATON 32333	04	040	142.085	120.918	-62.131	1.00	59.30	A160
ATON 32334	C1	040	143.448	122.041	-61.710	1.00	59.30	A160
ATON 32335	01	040	141.088	121.681	-62.648	1.00	59.30	A160
ATON 32336	C1	040	141.445	121.348	-62.090	1.00	59.30	A160
ATON 32337	C2	040	141.512	122.094	-62.637	1.00	59.30	A160
ATON 32338	C3	040	141.348	122.091	-62.913	1.00	59.30	A160
ATON 32339	C4	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32340	C5	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32341	C6	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32342	C7	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32343	C8	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32344	C9	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32345	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32346	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32347	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32348	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32349	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32350	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32351	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32352	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32353	09	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32354	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32355	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32356	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32357	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32358	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32359	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32360	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32361	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32362	09	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32363	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32364	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32365	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32366	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32367	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32368	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32369	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32370	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32371	09	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32372	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32373	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32374	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32375	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32376	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32377	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32378	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32379	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32380	09	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32381	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32382	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32383	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32384	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32385	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32386	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32387	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32388	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32389	09	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32390	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32391	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32392	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32393	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32394	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32395	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32396	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32397	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32398	09	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32399	01	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32400	02	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32401	03	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32402	04	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32403	05	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32404	06	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32405	07	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32406	08	040	141.335	122.091	-62.913	1.00	59.30	A160
ATON 32407	09							

AT01	2315	02P	051	172.194	06.753	1.00	50.78	A105	AT01	2318	02	A28	182.314	05.978	-05.275	1.00	51.94	A105
AT01	2316	06P	056	172.090	06.757	1.00	50.78	A105	AT01	2319	02	A28	181.969	05.987	-06.046	1.00	51.94	A105
AT01	2317	01P	051	171.961	06.741	1.00	50.78	A105	AT01	2320	06	A28	182.107	06.000	-07.330	1.00	51.94	A105
AT01	2318	01P	051	171.979	06.752	1.00	50.78	A105	AT01	2321	06	A28	181.941	06.000	-07.330	1.00	51.94	A105
AT01	2319	01P	051	170.637	06.750	1.00	50.78	A105	AT01	2322	06	A28	182.174	06.018	-07.330	1.00	51.94	A105
AT01	2320	01P	051	171.079	06.753	1.00	50.78	A105	AT01	2323	01	A28	181.900	06.025	-06.255	1.00	51.94	A105
AT01	2321	01P	051	171.153	06.756	1.00	50.78	A105	AT01	2324	01	A28	181.918	06.030	-06.255	1.00	51.94	A105
AT01	2322	01P	051	171.189	06.761	1.00	50.78	A105	AT01	2325	01	A28	181.936	06.035	-06.255	1.00	51.94	A105
AT01	2323	01P	051	171.648	06.764	1.00	50.78	A105	AT01	2326	01P	A28	181.954	06.040	-06.255	1.00	51.94	A105
AT01	2324	01P	051	171.995	06.767	1.00	50.78	A105	AT01	2327	01P	A28	182.430	06.045	-06.255	1.00	51.94	A105
AT01	2325	01P	051	171.877	06.766	1.00	50.78	A105	AT01	2328	01P	A28	182.100	06.050	-06.255	1.00	51.94	A105
AT01	2326	01P	051	172.204	06.761	1.00	50.78	A105	AT01	2329	01P	A28	182.000	06.055	-06.255	1.00	51.94	A105
AT01	2327	01P	051	172.272	06.761	1.00	50.78	A105	AT01	2330	01P	A28	182.000	06.060	-06.255	1.00	51.94	A105
AT01	2328	01P	051	172.567	06.766	1.00	50.78	A105	AT01	2331	01P	A28	182.100	06.065	-06.255	1.00	51.94	A105
AT01	2329	01P	051	171.980	06.754	1.00	50.78	A105	AT01	2332	01P	A28	182.000	06.070	-06.255	1.00	51.94	A105
AT01	2330	01P	051	173.097	06.750	1.00	50.78	A105	AT01	2333	01P	A28	182.000	06.075	-06.255	1.00	51.94	A105
AT01	2331	01P	051	171.339	06.752	1.00	50.78	A105	AT01	2334	01P	A28	182.000	06.080	-06.255	1.00	51.94	A105
AT01	2332	01P	051	172.203	06.751	1.00	50.78	A105	AT01	2335	01P	A28	182.000	06.085	-06.255	1.00	51.94	A105
AT01	2333	01P	051	172.175	06.750	1.00	50.78	A105	AT01	2336	01P	A28	182.000	06.090	-06.255	1.00	51.94	A105
AT01	2334	01P	051	173.771	06.748	1.00	50.78	A105	AT01	2337	01P	A28	182.000	06.095	-06.255	1.00	51.94	A105
AT01	2335	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2338	01P	A28	182.000	06.100	-06.255	1.00	51.94	A105
AT01	2336	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2339	01P	A28	182.000	06.105	-06.255	1.00	51.94	A105
AT01	2337	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2340	01P	A28	182.000	06.110	-06.255	1.00	51.94	A105
AT01	2338	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2341	01P	A28	182.000	06.115	-06.255	1.00	51.94	A105
AT01	2339	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2342	01P	A28	182.000	06.120	-06.255	1.00	51.94	A105
AT01	2340	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2343	01P	A28	182.000	06.125	-06.255	1.00	51.94	A105
AT01	2341	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2344	01P	A28	182.000	06.130	-06.255	1.00	51.94	A105
AT01	2342	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2345	01P	A28	182.000	06.135	-06.255	1.00	51.94	A105
AT01	2343	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2346	01P	A28	182.000	06.140	-06.255	1.00	51.94	A105
AT01	2344	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2347	01P	A28	182.000	06.145	-06.255	1.00	51.94	A105
AT01	2345	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2348	01P	A28	182.000	06.150	-06.255	1.00	51.94	A105
AT01	2346	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2349	01P	A28	182.000	06.155	-06.255	1.00	51.94	A105
AT01	2347	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2350	01P	A28	182.000	06.160	-06.255	1.00	51.94	A105
AT01	2348	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2351	01P	A28	182.000	06.165	-06.255	1.00	51.94	A105
AT01	2349	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2352	01P	A28	182.000	06.170	-06.255	1.00	51.94	A105
AT01	2350	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2353	01P	A28	182.000	06.175	-06.255	1.00	51.94	A105
AT01	2351	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2354	01P	A28	182.000	06.180	-06.255	1.00	51.94	A105
AT01	2352	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2355	01P	A28	182.000	06.185	-06.255	1.00	51.94	A105
AT01	2353	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2356	01P	A28	182.000	06.190	-06.255	1.00	51.94	A105
AT01	2354	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2357	01P	A28	182.000	06.195	-06.255	1.00	51.94	A105
AT01	2355	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2358	01P	A28	182.000	06.200	-06.255	1.00	51.94	A105
AT01	2356	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2359	01P	A28	182.000	06.205	-06.255	1.00	51.94	A105
AT01	2357	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2360	01P	A28	182.000	06.210	-06.255	1.00	51.94	A105
AT01	2358	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2361	01P	A28	182.000	06.215	-06.255	1.00	51.94	A105
AT01	2359	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2362	01P	A28	182.000	06.220	-06.255	1.00	51.94	A105
AT01	2360	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2363	01P	A28	182.000	06.225	-06.255	1.00	51.94	A105
AT01	2361	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2364	01P	A28	182.000	06.230	-06.255	1.00	51.94	A105
AT01	2362	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2365	01P	A28	182.000	06.235	-06.255	1.00	51.94	A105
AT01	2363	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2366	01P	A28	182.000	06.240	-06.255	1.00	51.94	A105
AT01	2364	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2367	01P	A28	182.000	06.245	-06.255	1.00	51.94	A105
AT01	2365	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2368	01P	A28	182.000	06.250	-06.255	1.00	51.94	A105
AT01	2366	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2369	01P	A28	182.000	06.255	-06.255	1.00	51.94	A105
AT01	2367	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2370	01P	A28	182.000	06.260	-06.255	1.00	51.94	A105
AT01	2368	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2371	01P	A28	182.000	06.265	-06.255	1.00	51.94	A105
AT01	2369	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2372	01P	A28	182.000	06.270	-06.255	1.00	51.94	A105
AT01	2370	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2373	01P	A28	182.000	06.275	-06.255	1.00	51.94	A105
AT01	2371	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2374	01P	A28	182.000	06.280	-06.255	1.00	51.94	A105
AT01	2372	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2375	01P	A28	182.000	06.285	-06.255	1.00	51.94	A105
AT01	2373	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2376	01P	A28	182.000	06.290	-06.255	1.00	51.94	A105
AT01	2374	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2377	01P	A28	182.000	06.295	-06.255	1.00	51.94	A105
AT01	2375	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2378	01P	A28	182.000	06.300	-06.255	1.00	51.94	A105
AT01	2376	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2379	01P	A28	182.000	06.305	-06.255	1.00	51.94	A105
AT01	2377	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2380	01P	A28	182.000	06.310	-06.255	1.00	51.94	A105
AT01	2378	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2381	01P	A28	182.000	06.315	-06.255	1.00	51.94	A105
AT01	2379	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2382	01P	A28	182.000	06.320	-06.255	1.00	51.94	A105
AT01	2380	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2383	01P	A28	182.000	06.325	-06.255	1.00	51.94	A105
AT01	2381	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2384	01P	A28	182.000	06.330	-06.255	1.00	51.94	A105
AT01	2382	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2385	01P	A28	182.000	06.335	-06.255	1.00	51.94	A105
AT01	2383	01P	051	173.475	06.743	1.00	50.78	A105	AT01	2386	01P	A28	182.000	06.340	-06.255			

ATON	12661	C1	GA	666	210.773	107.225	-71.790	1.00	59.03	A163	ATON	12661	C1	GA	672	212.218	108.292	-59.077	1.00	59.73	A163
ATON	12662	C1	GA	666	210.780	108.274	-71.781	1.00	59.01	A163	ATON	12662	C1	GA	672	212.224	109.031	-57.753	1.00	59.23	A163
ATON	12663	C1	GA	666	210.787	109.001	-70.453	1.00	59.01	A163	ATON	12663	C1	GA	672	212.231	110.127	-56.156	1.00	59.33	A163
ATON	12664	C1	GA	666	210.794	110.110	-70.453	1.00	59.03	A163	ATON	12664	C1	GA	672	212.238	111.409	-54.857	1.00	59.33	A163
ATON	12665	C1	GA	666	210.800	111.409	-70.453	1.00	59.03	A163	ATON	12665	C1	GA	672	212.245	112.882	-53.609	1.00	59.33	A163
ATON	12666	C1	GA	666	210.807	112.882	-70.453	1.00	59.03	A163	ATON	12666	C1	GA	672	212.252	114.447	-52.421	1.00	59.33	A163
ATON	12667	C1	GA	666	210.814	114.447	-70.453	1.00	59.03	A163	ATON	12667	C1	GA	672	212.259	116.102	-51.293	1.00	59.33	A163
ATON	12668	C1	GA	666	210.821	116.102	-70.453	1.00	59.03	A163	ATON	12668	C1	GA	672	212.266	117.847	-50.215	1.00	59.33	A163
ATON	12669	C1	GA	666	210.828	118.575	-70.453	1.00	59.03	A163	ATON	12669	C1	GA	672	212.273	120.392	-49.187	1.00	59.33	A163
ATON	12670	C1	GA	666	210.835	120.392	-70.453	1.00	59.03	A163	ATON	12670	C1	GA	672	212.280	123.037	-48.219	1.00	59.33	A163
ATON	12671	C1	GA	666	210.842	125.810	-70.453	1.00	59.03	A163	ATON	12671	C1	GA	672	212.287	125.782	-47.301	1.00	59.33	A163
ATON	12672	C1	GA	666	210.849	128.383	-70.453	1.00	59.03	A163	ATON	12672	C1	GA	672	212.294	128.627	-46.423	1.00	59.33	A163
ATON	12673	C1	GA	666	210.856	131.456	-70.453	1.00	59.03	A163	ATON	12673	C1	GA	672	212.301	131.572	-45.595	1.00	59.33	A163
ATON	12674	C1	GA	666	210.863	134.729	-70.453	1.00	59.03	A163	ATON	12674	C1	GA	672	212.308	134.617	-44.817	1.00	59.33	A163
ATON	12675	C1	GA	666	210.870	137.902	-70.453	1.00	59.03	A163	ATON	12675	C1	GA	672	212.315	137.762	-44.089	1.00	59.33	A163
ATON	12676	C1	GA	666	210.877	140.975	-70.453	1.00	59.03	A163	ATON	12676	C1	GA	672	212.322	140.917	-43.411	1.00	59.33	A163
ATON	12677	C1	GA	666	210.884	144.048	-70.453	1.00	59.03	A163	ATON	12677	C1	GA	672	212.329	144.172	-42.783	1.00	59.33	A163
ATON	12678	C1	GA	666	210.891	147.245	-70.453	1.00	59.03	A163	ATON	12678	C1	GA	672	212.336	147.527	-42.205	1.00	59.33	A163
ATON	12679	C1	GA	666	210.898	150.678	-70.453	1.00	59.03	A163	ATON	12679	C1	GA	672	212.343	150.982	-41.677	1.00	59.33	A163
ATON	12680	C1	GA	666	210.905	154.251	-70.453	1.00	59.03	A163	ATON	12680	C1	GA	672	212.350	154.547	-41.199	1.00	59.33	A163
ATON	12681	C1	GA	666	210.912	157.874	-70.453	1.00	59.03	A163	ATON	12681	C1	GA	672	212.357	158.202	-40.771	1.00	59.33	A163
ATON	12682	C1	GA	666	210.919	161.947	-70.453	1.00	59.03	A163	ATON	12682	C1	GA	672	212.364	161.897	-40.393	1.00	59.33	A163
ATON	12683	C1	GA	666	210.926	165.970	-70.453	1.00	59.03	A163	ATON	12683	C1	GA	672	212.371	165.632	-40.065	1.00	59.33	A163
ATON	12684	C1	GA	666	210.933	169.943	-70.453	1.00	59.03	A163	ATON	12684	C1	GA	672	212.378	169.407	-39.787	1.00	59.33	A163
ATON	12685	C1	GA	666	210.940	173.870	-70.453	1.00	59.03	A163	ATON	12685	C1	GA	672	212.385	173.222	-39.559	1.00	59.33	A163
ATON	12686	C1	GA	666	210.947	177.747	-70.453	1.00	59.03	A163	ATON	12686	C1	GA	672	212.392	177.077	-39.381	1.00	59.33	A163
ATON	12687	C1	GA	666	210.954	181.574	-70.453	1.00	59.03	A163	ATON	12687	C1	GA	672	212.399	180.972	-39.253	1.00	59.33	A163
ATON	12688	C1	GA	666	210.961	185.351	-70.453	1.00	59.03	A163	ATON	12688	C1	GA	672	212.406	184.907	-39.175	1.00	59.33	A163
ATON	12689	C1	GA	666	210.968	189.078	-70.453	1.00	59.03	A163	ATON	12689	C1	GA	672	212.413	188.882	-39.147	1.00	59.33	A163
ATON	12690	C1	GA	666	210.975	192.805	-70.453	1.00	59.03	A163	ATON	12690	C1	GA	672	212.420	192.897	-39.119	1.00	59.33	A163
ATON	12691	C1	GA	666	210.982	196.532	-70.453	1.00	59.03	A163	ATON	12691	C1	GA	672	212.427	196.952	-39.091	1.00	59.33	A163
ATON	12692	C1	GA	666	210.989	200.259	-70.453	1.00	59.03	A163	ATON	12692	C1	GA	672	212.434	201.047	-39.063	1.00	59.33	A163
ATON	12693	C1	GA	666	210.996	203.986	-70.453	1.00	59.03	A163	ATON	12693	C1	GA	672	212.441	205.182	-39.035	1.00	59.33	A163
ATON	12694	C1	GA	666	210.999	207.713	-70.453	1.00	59.03	A163	ATON	12694	C1	GA	672	212.448	209.357	-39.007	1.00	59.33	A163
ATON	12695	C1	GA	666	211.006	211.440	-70.453	1.00	59.03	A163	ATON	12695	C1	GA	672	212.455	213.572	-38.979	1.00	59.33	A163
ATON	12696	C1	GA	666	211.013	215.167	-70.453	1.00	59.03	A163	ATON	12696	C1	GA	672	212.462	217.827	-38.951	1.00	59.33	A163
ATON	12697	C1	GA	666	211.020	218.894	-70.453	1.00	59.03	A163	ATON	12697	C1	GA	672	212.469	222.122	-38.923	1.00	59.33	A163
ATON	12698	C1	GA	666	211.027	222.621	-70.453	1.00	59.03	A163	ATON	12698	C1	GA	672	212.476	226.457	-38.895	1.00	59.33	A163
ATON	12699	C1	GA	666	211.034	226.348	-70.453	1.00	59.03	A163	ATON	12699	C1	GA	672	212.483	230.832	-38.867	1.00	59.33	A163
ATON	12700	C1	GA	666	211.041	230.075	-70.453	1.00	59.03	A163	ATON	12700	C1	GA	672	212.490	235.247	-38.839	1.00	59.33	A163
ATON	12701	C1	GA	666	211.048	233.802	-70.453	1.00	59.03	A163	ATON	12701	C1	GA	672	212.497	239.702	-38.811	1.00	59.33	A163
ATON	12702	C1	GA	666	211.055	237.529	-70.453	1.00	59.03	A163	ATON	12702	C1	GA	672	212.504	244.197	-38.783	1.00	59.33	A163
ATON	12703	C1	GA	666	211.062	241.256	-70.453	1.00	59.03	A163	ATON	12703	C1	GA	672	212.511	248.732	-38.755	1.00	59.33	A163
ATON	12704	C1	GA	666	211.069	244.983	-70.453	1.00	59.03	A163	ATON	12704	C1	GA	672	212.518	253.307	-38.727	1.00	59.33	A163
ATON	12705	C1	GA	666	211.076	248.710	-70.453	1.00	59.03	A163	ATON	12705	C1	GA	672	212.525	257.922	-38.699	1.00	59.33	A163
ATON	12706	C1	GA	666	211.083	252.437	-70.453	1.00	59.03	A163	ATON	12706	C1	GA	672	212.532	262.577	-38.671	1.00	59.33	A163
ATON	12707	C1	GA	666	211.090	256.164	-70.453	1.00	59.03	A163	ATON	12707	C1	GA	672	212.539	267.272	-38.643	1.00	59.33	A163
ATON	12708	C1	GA	666	211.097	259.891	-70.453	1.00	59.03	A163	ATON	12708	C1	GA	672	212.546	271.997	-38.615	1.00	59.33	A163
ATON	12709	C1	GA	666	211.104	263.618	-70.453	1.00	59.03	A163	ATON	12709	C1	GA	672	212.553	276.752	-38.587	1.00	59.33	A163
ATON	12710	C1	GA	666	211.111	267.345	-70.453	1.00	59.03	A163	ATON	12710	C1	GA	672	212.560	281.537	-38.559	1.00	59.33	A163
ATON	12711	C1	GA	666	211.118	271.072	-70.453	1.00	59.03	A163	ATON	12711	C1	GA	672	212.567	286.362	-38.531	1.00	59.33	A163
ATON	12712	C1	GA	666	211.125	274.799	-70.453	1.00	59.03	A163	ATON	12712	C1	GA	672	212.574	291.227	-38.503	1.00	59.33	A163
ATON	12713	C1	GA	666	211.132	278.526	-70.453	1.00	59.03	A163	ATON	12713	C1	GA	672	212.581	296.132	-38.475	1.00	59.33	A163
ATON	12714	C1	GA	666	211.139	282.253	-70.453	1.00	59.03	A163	ATON	12714	C1	GA	672	212.588	301.077	-38.447	1.00	59.33	A163
ATON	12715	C1	GA	666	211.146	285.980	-70.453	1.00	59.03	A163	ATON	12715	C1	GA	672	212.595	306.062	-38.419	1.00	59.33	A163
ATON	12716	C1	GA	666	211.153	289.707	-70.453	1.00	59.03	A163	ATON	12716	C1	GA	672	212.602	311.087	-38.391	1.00	59.33	A163
ATON	12717	C1	GA	666	211.160	293.434	-70.453	1.00	59.03	A163	ATON	12717	C1	GA	672	212.609	316.152	-38.363	1.00	59.33	A163
ATON	12718	C1	GA	666	211.167	297.161	-70.453	1.00	59.03	A163	ATON	12718	C1	GA	672	212.616	321.257	-38.335	1.00	59.33	A163
ATON	12719	C1	GA	666	211.174	300.888	-70.453	1.00	59.03	A163	ATON	12719	C1	GA	672	212.623	326.402	-38.307	1.00	59.33	A163
ATON	12720	C1	GA	666	211.181	304.615	-70.453	1.00	59.03	A163	ATON	12720	C1	GA	672	212.630	331.587	-38.279	1.00	59.33	A163
ATON	12721	C1	GA	666	211.188	308.342	-70.45														

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ATON	13533	C	Q2A	652	204.467	100.733	-77.651	1.00	58.31	A154	ATON	13716	C	Q2A	659	182.087	101.787	-62.323	1.00	48.94	A154
ATON	13534	C	Q2A	652	202.312	100.741	-77.651	1.00	58.31	A154	ATON	13717	C	Q2A	659	183.144	101.787	-62.323	1.00	48.94	A154
ATON	13535	C	Q2A	652	202.312	100.741	-77.651	1.00	58.31	A154	ATON	13718	C	Q2A	659	183.851	101.787	-62.323	1.00	48.94	A154
ATON	13536	C	Q2A	652	202.312	100.741	-77.651	1.00	58.31	A154	ATON	13719	C	Q2A	659	184.558	101.787	-62.323	1.00	48.94	A154
ATON	13537	C	Q2A	652	200.816	116.757	-70.784	1.00	69.51	A154	ATON	13720	C	Q2A	659	185.265	101.787	-62.323	1.00	48.94	A154
ATON	13538	C	Q2A	652	199.375	116.757	-70.784	1.00	69.51	A154	ATON	13721	C	Q2A	659	185.972	101.787	-62.323	1.00	48.94	A154
ATON	13539	C	Q2A	652	197.934	116.757	-70.784	1.00	69.51	A154	ATON	13722	C	Q2A	659	186.679	101.787	-62.323	1.00	48.94	A154
ATON	13540	C	Q2A	652	196.493	116.757	-70.784	1.00	69.51	A154	ATON	13723	C	Q2A	659	187.386	101.787	-62.323	1.00	48.94	A154
ATON	13541	C	Q2A	652	195.052	116.757	-70.784	1.00	69.51	A154	ATON	13724	C	Q2A	659	188.093	101.787	-62.323	1.00	48.94	A154
ATON	13542	C	Q2A	652	193.611	116.757	-70.784	1.00	69.51	A154	ATON	13725	C	Q2A	659	188.800	101.787	-62.323	1.00	48.94	A154
ATON	13543	C	Q2A	652	192.170	116.757	-70.784	1.00	69.51	A154	ATON	13726	C	Q2A	659	189.507	101.787	-62.323	1.00	48.94	A154
ATON	13544	C	Q2A	652	190.729	116.757	-70.784	1.00	69.51	A154	ATON	13727	C	Q2A	659	190.214	101.787	-62.323	1.00	48.94	A154
ATON	13545	C	Q2A	652	189.288	116.757	-70.784	1.00	69.51	A154	ATON	13728	C	Q2A	659	190.921	101.787	-62.323	1.00	48.94	A154
ATON	13546	C	Q2A	652	187.847	116.757	-70.784	1.00	69.51	A154	ATON	13729	C	Q2A	659	191.628	101.787	-62.323	1.00	48.94	A154
ATON	13547	C	Q2A	652	186.406	116.757	-70.784	1.00	69.51	A154	ATON	13730	C	Q2A	659	192.335	101.787	-62.323	1.00	48.94	A154
ATON	13548	C	Q2A	652	184.965	116.757	-70.784	1.00	69.51	A154	ATON	13731	C	Q2A	659	193.042	101.787	-62.323	1.00	48.94	A154
ATON	13549	C	Q2A	652	183.524	116.757	-70.784	1.00	69.51	A154	ATON	13732	C	Q2A	659	193.749	101.787	-62.323	1.00	48.94	A154
ATON	13550	C	Q2A	652	182.083	116.757	-70.784	1.00	69.51	A154	ATON	13733	C	Q2A	659	194.456	101.787	-62.323	1.00	48.94	A154
ATON	13551	C	Q2A	652	180.642	116.757	-70.784	1.00	69.51	A154	ATON	13734	C	Q2A	659	195.163	101.787	-62.323	1.00	48.94	A154
ATON	13552	C	Q2A	652	179.201	116.757	-70.784	1.00	69.51	A154	ATON	13735	C	Q2A	659	195.870	101.787	-62.323	1.00	48.94	A154
ATON	13553	C	Q2A	652	177.759	116.757	-70.784	1.00	69.51	A154	ATON	13736	C	Q2A	659	196.577	101.787	-62.323	1.00	48.94	A154
ATON	13554	C	Q2A	652	176.318	116.757	-70.784	1.00	69.51	A154	ATON	13737	C	Q2A	659	197.284	101.787	-62.323	1.00	48.94	A154
ATON	13555	C	Q2A	652	174.877	116.757	-70.784	1.00	69.51	A154	ATON	13738	C	Q2A	659	197.991	101.787	-62.323	1.00	48.94	A154
ATON	13556	C	Q2A	652	173.436	116.757	-70.784	1.00	69.51	A154	ATON	13739	C	Q2A	659	198.698	101.787	-62.323	1.00	48.94	A154
ATON	13557	C	Q2A	652	171.995	116.757	-70.784	1.00	69.51	A154	ATON	13740	C	Q2A	659	199.405	101.787	-62.323	1.00	48.94	A154
ATON	13558	C	Q2A	652	170.554	116.757	-70.784	1.00	69.51	A154	ATON	13741	C	Q2A	659	200.112	101.787	-62.323	1.00	48.94	A154
ATON	13559	C	Q2A	652	169.113	116.757	-70.784	1.00	69.51	A154	ATON	13742	C	Q2A	659	200.819	101.787	-62.323	1.00	48.94	A154
ATON	13560	C	Q2A	652	167.672	116.757	-70.784	1.00	69.51	A154	ATON	13743	C	Q2A	659	201.526	101.787	-62.323	1.00	48.94	A154
ATON	13561	C	Q2A	652	166.231	116.757	-70.784	1.00	69.51	A154	ATON	13744	C	Q2A	659	202.233	101.787	-62.323	1.00	48.94	A154
ATON	13562	C	Q2A	652	164.790	116.757	-70.784	1.00	69.51	A154	ATON	13745	C	Q2A	659	202.940	101.787	-62.323	1.00	48.94	A154
ATON	13563	C	Q2A	652	163.349	116.757	-70.784	1.00	69.51	A154	ATON	13746	C	Q2A	659	203.647	101.787	-62.323	1.00	48.94	A154
ATON	13564	C	Q2A	652	161.908	116.757	-70.784	1.00	69.51	A154	ATON	13747	C	Q2A	659	204.354	101.787	-62.323	1.00	48.94	A154
ATON	13565	C	Q2A	652	160.467	116.757	-70.784	1.00	69.51	A154	ATON	13748	C	Q2A	659	205.061	101.787	-62.323	1.00	48.94	A154
ATON	13566	C	Q2A	652	159.026	116.757	-70.784	1.00	69.51	A154	ATON	13749	C	Q2A	659	205.768	101.787	-62.323	1.00	48.94	A154
ATON	13567	C	Q2A	652	157.585	116.757	-70.784	1.00	69.51	A154	ATON	13750	C	Q2A	659	206.475	101.787	-62.323	1.00	48.94	A154
ATON	13568	C	Q2A	652	156.144	116.757	-70.784	1.00	69.51	A154	ATON	13751	C	Q2A	659	207.182	101.787	-62.323	1.00	48.94	A154
ATON	13569	C	Q2A	652	154.703	116.757	-70.784	1.00	69.51	A154	ATON	13752	C	Q2A	659	207.889	101.787	-62.323	1.00	48.94	A154
ATON	13570	C	Q2A	652	153.262	116.757	-70.784	1.00	69.51	A154	ATON	13753	C	Q2A	659	208.596	101.787	-62.323	1.00	48.94	A154
ATON	13571	C	Q2A	652	151.821	116.757	-70.784	1.00	69.51	A154	ATON	13754	C	Q2A	659	209.303	101.787	-62.323	1.00	48.94	A154
ATON	13572	C	Q2A	652	150.380	116.757	-70.784	1.00	69.51	A154	ATON	13755	C	Q2A	659	210.010	101.787	-62.323	1.00	48.94	A154
ATON	13573	C	Q2A	652	148.939	116.757	-70.784	1.00	69.51	A154	ATON	13756	C	Q2A	659	210.717	101.787	-62.323	1.00	48.94	A154
ATON	13574	C	Q2A	652	147.498	116.757	-70.784	1.00	69.51	A154	ATON	13757	C	Q2A	659	211.424	101.787	-62.323	1.00	48.94	A154
ATON	13575	C	Q2A	652	146.057	116.757	-70.784	1.00	69.51	A154	ATON	13758	C	Q2A	659	212.131	101.787	-62.323	1.00	48.94	A154
ATON	13576	C	Q2A	652	144.616	116.757	-70.784	1.00	69.51	A154	ATON	13759	C	Q2A	659	212.838	101.787	-62.323	1.00	48.94	A154
ATON	13577	C	Q2A	652	143.175	116.757	-70.784	1.00	69.51	A154	ATON	13760	C	Q2A	659	213.545	101.787	-62.323	1.00	48.94	A154
ATON	13578	C	Q2A	652	141.734	116.757	-70.784	1.00	69.51	A154	ATON	13761	C	Q2A	659	214.252	101.787	-62.323	1.00	48.94	A154
ATON	13579	C	Q2A	652	140.293	116.757	-70.784	1.00	69.51	A154	ATON	13762	C	Q2A	659	214.959	101.787	-62.323	1.00	48.94	A154
ATON	13580	C	Q2A	652	138.852	116.757	-70.784	1.00	69.51	A154	ATON	13763	C	Q2A	659	215.666	101.787	-62.323	1.00	48.94	A154
ATON	13581	C	Q2A	652	137.411	116.757	-70.784	1.00	69.51	A154	ATON	13764	C	Q2A	659	216.373	101.787	-62.323	1.00	48.94	A154
ATON	13582	C	Q2A	652	135.970	116.757	-70.784	1.00	69.51	A154	ATON	13765	C	Q2A	659	217.080	101.787	-62.323	1.00	48.94	A154
ATON	13583	C	Q2A	652	134.529	116.757	-70.784	1.00	69.51	A154	ATON	13766	C	Q2A	659	217.787	101.787	-62.323	1.00	48.94	A154
ATON	13584	C	Q2A	652	133.088	116.757	-70.784	1.00	69.51	A154	ATON	13767	C	Q2A	659	218.494	101.787	-62.323	1.00	48.94	A154
ATON	13585	C	Q2A	652	131.647	116.757	-70.784	1.00	69.51	A154	ATON	13768	C	Q2A	659	219.201	101.787	-62.323	1.00	48.94	A154
ATON	13586	C	Q2A	652	130.206	116.757	-70.784	1.00	69.51	A154	ATON	13769	C	Q2A	659	219.908	101.787	-62.323	1.00	48.94	A154
ATON	13587	C	Q2A	652	128.765	116.757	-70.784	1.00	69.51	A154	ATON	13770	C	Q2A	659	220.615	101.787	-62.323	1.00	48.94	A154
ATON	13588	C	Q2A	652	127.324	116.757	-70.784	1.00	69.51	A154	ATON	13771	C	Q2A	659	221.322	101.787	-62.323	1.00	48.94	A154
ATON	13589	C	Q2A	652	125.883	116.757	-70.784	1.00	69.51	A154	ATON	13772	C	Q2A	659	222.029	101.787	-62.323	1.00	48.94	A154
ATON	13590	C	Q2A	652	124.442	116.757	-70.784	1.00	69.51	A154	ATON	13773	C	Q2A	659	222.736	101.787	-62.323	1.00	48.94	A154
ATON	13591	C	Q2A	652	122.999	116.757	-70.784	1.00	69.51	A154	ATON	13774	C	Q2A	659	223.443	101.787	-62.323	1.00	48.94	A154
ATON	13592	C	Q2A	652	121.558	116.757	-70.784	1.00	69.51	A154	ATON	13775	C	Q2A	659	224.150	101.787	-62.323	1.00	48.94	A154
ATON	13593	C	Q2A	652	120.117	116.757	-70.784	1.00	69.51	A154	ATON	13776	C	Q2A	659						

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ATC01	0001	C	CTT	710	178.000	119.470	-73.260	1.00	32.40	A100
ATC01	0004	C	CTT	710	175.468	111.367	-71.985	1.00	33.44	A100
ATC01	0007	C	CTT	710	176.634	109.760	-71.750	1.00	33.44	A100
ATC01	0010	C	CTT	710	173.133	111.700	-71.370	1.00	33.44	A100
ATC01	0009	C	CTT	710	172.630	117.340	-72.820	1.00	41.20	A100
ATC01	0011	C	CTT	710	172.641	115.430	-70.880	1.00	41.20	A100
ATC01	0010	C	CTT	711	172.878	114.150	-71.270	1.00	33.44	A100
ATC01	0011	C	CTT	711	172.227	113.237	-70.465	1.00	36.84	A100
ATC01	0013	C	CTT	711	172.834	114.150	-71.880	1.00	36.84	A100
ATC01	0014	C	CTT	711	173.427	113.960	-70.910	1.00	36.84	A100
ATC01	0014	C	CTT	711	172.097	111.780	-70.874	1.00	36.84	A100
ATC01	0016	C	CTT	711	172.005	112.873	-70.762	1.00	41.20	A100
ATC01	0017	C	CTT	711	173.333	109.870	-71.662	1.00	41.20	A100
ATC01	0018	C	CTT	711	172.539	109.180	-71.760	1.00	41.20	A100
ATC01	0019	C	CTT	711	172.750	109.880	-71.570	1.00	41.20	A100
ATC01	0020	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0021	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0022	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0023	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0024	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0025	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0026	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0027	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0028	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0029	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0030	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0031	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0032	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0033	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0034	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0035	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0036	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0037	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0038	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0039	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0040	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0041	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0042	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100
ATC01	0043	C	CTT	711	172.801	109.410	-71.570	1.00	41.20	A100</

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AT001	14291	C4	CTT	132	129.782	122.591	-61.282	1.00	61.47	A163
AT002	14292	01	CTT	132	140.647	122.231	-66.121	1.00	61.47	A163
AT003	14293	P	CTT	132	139.784	122.591	-61.282	1.00	61.47	A163
AT004	14294	C4	CTT	132	135.384	122.591	-61.282	1.00	61.47	A163
AT005	14295	02	CTT	132	130.731	122.591	-66.644	1.00	61.47	A163
AT006	14296	C3	CTT	132	134.131	122.591	-61.282	1.00	61.47	A163
AT007	14297	03	CTT	132	132.722	122.591	-62.816	1.00	61.47	A163
AT008	14298	P	CTT	132	132.641	122.591	-61.455	1.00	61.47	A163
AT009	14299	01	CTT	132	131.192	122.591	-61.282	1.00	61.47	A163
AT010	14300	02	CTT	132	132.784	122.591	-66.162	1.00	61.47	A163
AT011	14301	03	CTT	132	132.182	122.591	-61.161	1.00	61.47	A163
AT012	14302	C4	CTT	132	132.611	120.231	-62.962	1.00	61.01	A163
AT013	14303	C1	CTT	132	133.094	120.580	-62.719	1.00	61.01	A163
AT014	14304	04	CTT	132	134.545	120.927	-62.822	1.00	61.01	A163
AT015	14305	C1	CTT	132	135.021	121.051	-62.000	1.00	61.03	A163
AT016	14306	05	CTT	132	135.576	121.401	-60.439	1.00	61.03	A163
AT017	14307	C1	CTT	132	136.051	121.751	-60.967	1.00	61.03	A163
AT018	14308	06	CTT	132	136.576	122.101	-61.743	1.00	61.03	A163
AT019	14309	C2	CTT	132	137.051	122.451	-61.747	1.00	61.03	A163
AT020	14310	07	CTT	132	137.526	122.801	-60.650	1.00	61.03	A163
AT021	14311	08	CTT	132	138.001	123.151	-61.161	1.00	61.03	A163
AT022	14312	C5	CTT	132	138.476	123.501	-61.747	1.00	61.03	A163
AT023	14313	09	CTT	132	138.951	123.851	-61.161	1.00	61.03	A163
AT024	14314	C6	CTT	132	139.426	124.201	-61.747	1.00	61.03	A163
AT025	14315	10	CTT	132	139.901	124.551	-61.161	1.00	61.03	A163
AT026	14316	C7	CTT	132	140.376	124.901	-61.747	1.00	61.03	A163
AT027	14317	11	CTT	132	140.851	125.251	-61.161	1.00	61.03	A163
AT028	14318	C8	CTT	132	141.326	125.601	-61.747	1.00	61.03	A163
AT029	14319	12	CTT	132	141.801	125.951	-61.161	1.00	61.03	A163
AT030	14320	C9	CTT	132	142.276	126.301	-61.747	1.00	61.03	A163
AT031	14321	13	CTT	132	142.751	126.651	-61.161	1.00	61.03	A163
AT032	14322	C10	CTT	132	143.226	127.001	-61.747	1.00	61.03	A163
AT033	14323	14	CTT	132	143.701	127.351	-61.161	1.00	61.03	A163
AT034	14324	C11	CTT	132	144.176	127.701	-61.747	1.00	61.03	A163
AT035	14325	15	CTT	132	144.651	128.051	-61.161	1.00	61.03	A163
AT036	14326	C12	CTT	132	145.126	128.401	-61.747	1.00	61.03	A163
AT037	14327	16	CTT	132	145.601	128.751	-61.161	1.00	61.03	A163
AT038	14328	C13	CTT	132	146.076	129.101	-61.747	1.00	61.03	A163
AT039	14329	17	CTT	132	146.551	129.451	-61.161	1.00	61.03	A163
AT040	14330	C14	CTT	132	147.026	129.801	-61.747	1.00	61.03	A163
AT041	14331	18	CTT	132	147.501	130.151	-61.161	1.00	61.03	A163
AT042	14332	C15	CTT	132	147.976	130.501	-61.747	1.00	61.03	A163
AT043	14333	19	CTT	132	148.451	130.851	-61.161	1.00	61.03	A163
AT044	14334	C16	CTT	132	148.926	131.201	-61.747	1.00	61.03	A163
AT045	14335	20	CTT	132	149.401	131.551	-61.161	1.00	61.03	A163
AT046	14336	C17	CTT	132	149.876	131.901	-61.747	1.00	61.03	A163
AT047	14337	21	CTT	132	150.351	132.251	-61.161	1.00	61.03	A163
AT048	14338	C18	CTT	132	150.826	132.601	-61.747	1.00	61.03	A163
AT049	14339	22	CTT	132	151.301	132.951	-61.161	1.00	61.03	A163
AT050	14340	C19	CTT	132	151.776	133.301	-61.747	1.00	61.03	A163
AT051	14341	23	CTT	132	152.251	133.651	-61.161	1.00	61.03	A163
AT052	14342	C20	CTT	132	152.726	134.001	-61.747	1.00	61.03	A163
AT053	14343	24	CTT	132	153.201	134.351	-61.161	1.00	61.03	A163
AT054	14344	C21	CTT	132	153.676	134.701	-61.747	1.00	61.03	A163
AT055	14345	25	CTT	132	154.151	135.051	-61.161	1.00	61.03	A163
AT056	14346	C22	CTT	132	154.626	135.401	-61.747	1.00	61.03	A163
AT057	14347	26	CTT	132	155.101	135.751	-61.161	1.00	61.03	A163
AT058	14348	C23	CTT	132	155.576	136.101	-61.747	1.00	61.03	A163
AT059	14349	27	CTT	132	156.051	136.451	-61.161	1.00	61.03	A163
AT060	14350	C24	CTT	132	156.526	136.801	-61.747	1.00	61.03	A163
AT061	14351	28	CTT	132	157.001	137.151	-61.161	1.00	61.03	A163
AT062	14352	C25	CTT	132	157.476	137.501	-61.747	1.00	61.03	A163
AT063	14353	29	CTT	132	157.951	137.851	-61.161	1.00	61.03	A163
AT064	14354	C26	CTT	132	158.426	138.201	-61.747	1.00	61.03	A163
AT065	14355	30	CTT	132	158.901	138.551	-61.161	1.00	61.03	A163
AT066	14356	C27	CTT	132	159.376	138.901	-61.747	1.00	61.03	A163
AT067	14357	31	CTT	132	159.851	139.251	-61.161	1.00	61.03	A163
AT068	14358	C28	CTT	132	160.326	139.601	-61.747	1.00	61.03	A163
AT069	14359	32	CTT	132	160.801	139.951	-61.161	1.00	61.03	A163
AT070	14360	C29	CTT	132	161.276	140.301	-61.747	1.00	61.03	A163
AT071	14361	33	CTT	132	161.751	140.651	-61.161	1.00	61.03	A163
AT072	14362	C30	CTT	132	162.226	141.001	-61.747	1.00	61.03	A163
AT073	14363	34	CTT	132	162.701	141.351	-61.161	1.00	61.03	A163
AT074	14364	C31	CTT	132	163.176	141.701	-61.747	1.00	61.03	A163
AT075	14365	35	CTT	132	163.651	142.051	-61.161	1.00	61.03	A163
AT076	14366	C32	CTT	132	164.126	142.401	-61.747	1.00	61.03	A163
AT077	14367	36	CTT	132	164.601	142.751	-61.161	1.00	61.03	A163
AT078	14368	C33	CTT	132	165.076	143.101	-61.747	1.00	61.03	A163
AT079	14369	37	CTT	132	165.551	143.451	-61.161	1.00	61.03	A163
AT080	14370	C34	CTT	132	166.026	143.801	-61.747	1.00	61.03	A163
AT081	14371	38	CTT	132	166.501	144.151	-61.161	1.00	61.03	A163
AT082	14372	C35	CTT	132	166.976	144.501	-61.747	1.00	61.03	A163
AT083	14373	39	CTT	132	167.451	144.851	-61.161	1.00	61.03	A163
AT084	14374	C36	CTT	132	167.926	145.201	-61.747	1.00	61.03	A163
AT085	14375	40	CTT	132	168.401	145.551	-61.161	1.00	61.03	A163
AT086	14376	C37	CTT	132	168.876	145.901	-61.747	1.00	61.03	A163
AT087	14377	41	CTT	132	169.351	146.251	-61.161	1.00	61.03	A163
AT088	14378	C38	CTT	132	169.826	146.601	-61.747	1.00	61.03	A163
AT089	14379	42	CTT	132	170.301	146.951	-61.161	1.00	61.03	A163
AT090	14380	C39	CTT	132	170.776	147.301	-61.747	1.00	61.03	A163
AT091	14381	43	CTT	132	171.251	147.651	-61.161	1.00	61.03	A163
AT092	14382	C40	CTT	132	171.726	148.001	-61.747	1.00	61.03	A163
AT093	14383	44	CTT	132	172.201	148.351	-61.161	1.00	61.03	A163
AT094	14384	C41	CTT	132	172.676	148.701	-61.747	1.00	61.03	A163
AT095	14385	45	CTT	132	173.151	149.051	-61.161	1.00	61.03	A163
AT096	14386	C42	CTT	132	173.626	149.401	-61.747	1.00	61.03	A163
AT097	14387	46	CTT	132	174.101	149.751	-61.161	1.00	61.03	A163
AT098	14388	C43	CTT	132	174.576	150.101	-61.747	1.00	61.03	A163
AT099	14389	47	CTT	132	175.051	150.451	-61.161	1.00	61.03	A163
AT100	14390	C44	CTT	132	175.526	150.801	-61.747	1.00	61.03	A163
AT101	14391	48	CTT	132	176.001	151.151	-61.161	1.00	61.03	A163
AT102	14392	C45	CTT	132	176.476	151.501	-61.747	1.00	61.03	A163
AT103	14393	49	CTT	132	176.951	151.851	-61.161			

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ATON	31176	C1	743	134.004	91.551	-50.877	1.00	31.12	A168
ATON	31177	C1	743	134.481	91.771	-52.182	1.00	31.12	A169
ATON	31178	C1	743	135.261	92.100	-50.585	1.00	31.12	A170
ATON	31179	C1	743	135.912	92.531	-51.683	1.00	31.12	A171
ATON	31180	C1	743	136.509	93.061	-51.683	1.00	31.12	A172
ATON	31181	C1	743	137.051	93.601	-52.779	1.00	31.14	A173
ATON	31182	C1	743	137.519	94.131	-53.211	1.00	31.14	A174
ATON	31183	C1	743	137.999	94.661	-53.623	1.00	31.14	A175
ATON	31184	C1	743	138.477	95.191	-53.241	1.00	31.14	A176
ATON	31185	C1	743	138.951	95.721	-53.241	1.00	31.14	A177
ATON	31186	C1	743	139.421	96.251	-53.241	1.00	31.14	A178
ATON	31187	C1	743	139.891	96.781	-53.241	1.00	31.14	A179
ATON	31188	C1	743	140.361	97.311	-53.241	1.00	31.14	A180
ATON	31189	C1	743	140.831	97.841	-53.241	1.00	31.14	A181
ATON	31190	C1	743	141.301	98.371	-53.241	1.00	31.14	A182
ATON	31191	C1	743	141.771	98.901	-53.241	1.00	31.14	A183
ATON	31192	C1	743	142.241	99.431	-53.241	1.00	31.14	A184
ATON	31193	C1	743	142.711	99.961	-53.241	1.00	31.14	A185
ATON	31194	C1	743	143.181	100.491	-53.241	1.00	31.14	A186
ATON	31195	C1	743	143.651	101.021	-53.241	1.00	31.14	A187
ATON	31196	C1	743	144.121	101.551	-53.241	1.00	31.14	A188
ATON	31197	C1	743	144.591	102.081	-53.241	1.00	31.14	A189
ATON	31198	C1	743	145.061	102.611	-53.241	1.00	31.14	A190
ATON	31199	C1	743	145.531	103.141	-53.241	1.00	31.14	A191
ATON	31200	C1	743	146.001	103.671	-53.241	1.00	31.14	A192
ATON	31201	C1	743	146.471	104.201	-53.241	1.00	31.14	A193
ATON	31202	C1	743	146.941	104.731	-53.241	1.00	31.14	A194
ATON	31203	C1	743	147.411	105.261	-53.241	1.00	31.14	A195
ATON	31204	C1	743	147.881	105.791	-53.241	1.00	31.14	A196
ATON	31205	C1	743	148.351	106.321	-53.241	1.00	31.14	A197
ATON	31206	C1	743	148.821	106.851	-53.241	1.00	31.14	A198
ATON	31207	C1	743	149.291	107.381	-53.241	1.00	31.14	A199
ATON	31208	C1	743	149.761	107.911	-53.241	1.00	31.14	A200
ATON	31209	C1	743	150.231	108.441	-53.241	1.00	31.14	A201
ATON	31210	C1	743	150.701	108.971	-53.241	1.00	31.14	A202
ATON	31211	C1	743	151.171	109.501	-53.241	1.00	31.14	A203
ATON	31212	C1	743	151.641	110.031	-53.241	1.00	31.14	A204
ATON	31213	C1	743	152.111	110.561	-53.241	1.00	31.14	A205
ATON	31214	C1	743	152.581	111.091	-53.241	1.00	31.14	A206
ATON	31215	C1	743	153.051	111.621	-53.241	1.00	31.14	A207
ATON	31216	C1	743	153.521	112.151	-53.241	1.00	31.14	A208
ATON	31217	C1	743	153.991	112.681	-53.241	1.00	31.14	A209
ATON	31218	C1	743	154.461	113.211	-53.241	1.00	31.14	A210
ATON	31219	C1	743	154.931	113.741	-53.241	1.00	31.14	A211
ATON	31220	C1	743	155.401	114.271	-53.241	1.00	31.14	A212
ATON	31221	C1	743	155.871	114.801	-53.241	1.00	31.14	A213
ATON	31222	C1	743	156.341	115.331	-53.241	1.00	31.14	A214
ATON	31223	C1	743	156.811	115.861	-53.241	1.00	31.14	A215
ATON	31224	C1	743	157.281	116.391	-53.241	1.00	31.14	A216
ATON	31225	C1	743	157.751	116.921	-53.241	1.00	31.14	A217
ATON	31226	C1	743	158.221	117.451	-53.241	1.00	31.14	A218
ATON	31227	C1	743	158.691	117.981	-53.241	1.00	31.14	A219
ATON	31228	C1	743	159.161	118.511	-53.241	1.00	31.14	A220
ATON	31229	C1	743	159.631	119.041	-53.241	1.00	31.14	A221
ATON	31230	C1	743	160.101	119.571	-53.241	1.00	31.14	A222
ATON	31231	C1	743	160.571	120.101	-53.241	1.00	31.14	A223
ATON	31232	C1	743	161.041	120.631	-53.241	1.00	31.14	A224
ATON	31233	C1	743	161.511	121.161	-53.241	1.00	31.14	A225
ATON	31234	C1	743	161.981	121.691	-53.241	1.00	31.14	A226
ATON	31235	C1	743	162.451	122.221	-53.241	1.00	31.14	A227
ATON	31236	C1	743	162.921	122.751	-53.241	1.00	31.14	A228
ATON	31237	C1	743	163.391	123.281	-53.241	1.00	31.14	A229
ATON	31238	C1	743	163.861	123.811	-53.241	1.00	31.14	A230
ATON	31239	C1	743	164.331	124.341	-53.241	1.00	31.14	A231
ATON	31240	C1	743	164.801	124.871	-53.241	1.00	31.14	A232
ATON	31241	C1	743	165.271	125.401	-53.241	1.00	31.14	A233
ATON	31242	C1	743	165.741	125.931	-53.241	1.00	31.14	A234
ATON	31243	C1	743	166.211	126.461	-53.241	1.00	31.14	A235
ATON	31244	C1	743	166.681	126.991	-53.241	1.00	31.14	A236
ATON	31245	C1	743	167.151	127.521	-53.241	1.00	31.14	A237
ATON	31246	C1	743	167.621	128.051	-53.241	1.00	31.14	A238
ATON	31247	C1	743	168.091	128.581	-53.241	1.00	31.14	A239
ATON	31248	C1	743	168.561	129.111	-53.241	1.00	31.14	A240
ATON	31249	C1	743	169.031	129.641	-53.241	1.00	31.14	A241
ATON	31250	C1	743	169.501	130.171	-53.241	1.00	31.14	A242
ATON	31251	C1	743	170.000	130.700	-53.241	1.00	31.14	A243
ATON	31252	C1	743	170.500	131.230	-53.241	1.00	31.14	A244
ATON	31253	C1	743	171.000	131.760	-53.241	1.00	31.14	A245
ATON	31254	C1	743	171.500	132.290	-53.241	1.00	31.14	A246
ATON	31255	C1	743	172.000	132.820	-53.241	1.00	31.14	A247
ATON	31256	C1	743	172.500	133.350	-53.241	1.00	31.14	A248
ATON	31257	C1	743	173.000	133.880	-53.241	1.00	31.14	A249
ATON	31258	C1	743	173.500	134.410	-53.241	1.00	31.14	A250
ATON	31259	C1	743	174.000	134.940	-53.241	1.00	31.14	A251
ATON	31260	C1	743	174.500	135.470	-53.241	1.00	31.14	A252
ATON	31261	C1	743	175.000	136.000	-53.241	1.00	31.14	A253
ATON	31262	C1	743	175.500	136.530	-53.241	1.00	31.14	A254
ATON	31263	C1	743	176.000	137.060	-53.241	1.00	31.14	A255
ATON	31264	C1	743	176.500	137.590	-53.241	1.00	31.14	A256
ATON	31265	C1	743	177.000	138.120	-53.241	1.00	31.14	A257
ATON	31266	C1	743	177.500	138.650	-53.241	1.00	31.14	A258
ATON	31267	C1	743	178.000	139.180	-53.241	1.00	31.14	A259
ATON	31268	C1	743	178.500	139.710	-53.241	1.00	31.14	A260
ATON	31269	C1	743	179.000	140.240	-53.241	1.00	31.14	A261
ATON	31270	C1	743	179.500	140.770	-53.241	1.00	31.14	A262
ATON	31271	C1	743	180.000	141.300	-53.241	1.00	31.14	A263
ATON	31272	C1	743	180.500	141.830	-53.241	1.00	31.14	A264
ATON	31273	C1	743	181.000	142.360	-53.241	1.00	31.14	A265
ATON	31274	C1	743	181.500	142.890	-53.241	1.00	31.14	A266
ATON	31275	C1	743	182.000	143.420	-53.241	1.00	31.14	A267
ATON	31276	C1	743	182.500	143.950	-53.241	1.00	31.14	A268
ATON	31277	C1	743	183.000	144.480	-53.241	1.00	31.14	A269
ATON	31278	C1	743	183.500	145.010	-53.241	1.00	31.14	A270
ATON	31279	C1	743	184.000	145.540	-53.241	1.00	31.14	A271
ATON	31280	C1	743	184.500	146.070	-53.241	1.00	31.14	A272
ATON	31281	C1	743	185.000	146.600	-53.241	1.00	31.14	A273
ATON	31282	C1	743	185.500	147.130	-53.241	1.00	31.14	A274
ATON	31283	C1	743	186.000	147.660	-53.241	1.00	31.14	A275
ATON	31284	C1	743	186.500	148.190	-53.241	1.00	31.14	A276
ATON	31285	C1	743	187.000	148.720	-53.241	1.00	31.14	A277
ATON	31286	C1	743	187.500	149.250	-53.241	1.00	31.14	A278
ATON	31287	C1	743	188.000	149.780	-53.241	1.00	31.14	A279
ATON	31288	C1	743	188.500	150.310	-53.241	1.00	31.14	A280
ATON	31289	C1	743	189.000	150.840	-53.241	1.00	31.14	A281

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AT001	31292	C1	CYT	778	206.338	99.004	-13.122	1.00	59.37	A165
AT001	31292	C1	CYT	778	203.453	99.004	-34.178	1.00	59.37	A165
AT001	31293	C2	CYT	778	203.319	98.993	-37.212	1.00	59.37	A165
AT001	31293	C2	CYT	778	203.319	98.993	-37.212	1.00	59.37	A165
AT001	31293	C2	CYT	778	203.852	101.013	-17.327	1.00	48.91	A165
AT001	31296	C1	CYT	778	206.052	101.101	-18.664	1.00	48.91	A165
AT001	31296	C1	CYT	778	206.052	101.101	-18.664	1.00	48.91	A165
AT001	31296	P	CYT	778	203.699	101.017	-11.537	1.00	42.58	A165
AT001	31299	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31300	C2	CYT	778	207.324	101.113	-40.000	1.00	47.58	A165
AT001	31300	C2	CYT	778	207.324	101.113	-40.000	1.00	47.58	A165
AT001	31302	C1	CYT	778	201.801	100.145	-41.482	1.00	42.58	A165
AT001	31303	C4	CYT	778	203.237	100.429	-39.171	1.00	42.58	A165
AT001	31303	C4	CYT	778	203.237	100.429	-39.171	1.00	42.58	A165
AT001	31305	C1	CYT	778	206.069	102.369	-41.624	1.00	42.58	A165
AT001	31306	B1	CYT	778	206.814	101.367	-41.648	1.00	42.58	A165
AT001	31306	B1	CYT	778	206.814	101.367	-41.648	1.00	42.58	A165
AT001	31309	C2	CYT	778	203.821	100.470	-41.746	1.00	37.57	A165
AT001	31309	C2	CYT	778	203.821	100.470	-41.746	1.00	37.57	A165
AT001	31311	C1	CYT	778	201.465	98.983	-11.092	1.00	35.57	A165
AT001	31312	B4	CYT	778	206.515	97.419	-40.000	1.00	35.52	A165
AT001	31313	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31313	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31313	C2	CYT	778	205.194	100.145	-41.774	1.00	42.58	A165
AT001	31316	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31316	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31318	P	CYT	778	202.952	102.631	-45.751	1.00	47.58	A165
AT001	31319	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31320	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31321	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31322	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31323	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31324	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31325	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31326	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31327	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31328	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31329	C1	CYT	778	206.056	100.967	-42.005	1.00	35.53	A165
AT001	31330	C1	CYT	778	206.056	100.967	-42.			

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[illegible]